1	IN THE KENTUCKY PUBLIC SERVICE COMMISSION
2	
3	
4	IN RE: INVESTIGATION:
5	Case No. 2003-00433
6	AN ADJUSTMENT OF THE GAS AND ELECTRIC RATES, TERMS, AND CONDITIONS OF LOUISVILLE GAS AND ELECTRIC COMPANY
7	EBBCIRIC COMPANI
8	and
9	
10	Case No. 2003-00434 AN ADJUSTMENT OF THE ELECTRIC RATES, TERMS, AND
11	CONDITIONS OF KENTUCKY UTILITIES COMPANY
12	
13	* * *
14	
15	SWORN STATEMENT
16	OF
17	WILLIAM STEVEN SEELYE
18	JULY 29, 2005
19	
20	
21	ELLEN L. COULTER, RPR Coulter Reporting, LLC
22	101 East Kentucky Street Suite 200
23	Louisville, Kentucky 40203 (502) 582-1627
24	FAX: (502) 587-6299 E-MAIL: CoulterLLC@bellsouth.net
25	Codicernnogberisouch.net

8/12/05/2010

1	<u>APPEARANCES</u>
2	CDECTAL CONDAL COUNCEL MO MUE DUDITO CORVICO
3	SPECIAL GENERAL COUNSEL TO THE PUBLIC SERVICE COMMISSION:
4	JONATHAN D. GOLDBERG AARON SILETTO
5	Goldberg & Simpson 3000 National City Tower
6	101 South Fifth Street Louisville, Kentucky 40202
7	Louisville, Kentucky 40202
8	FOR THE WITNESS:
9	DAVID KAPLAN Frost, Brown, Todd, LLC
10	3200 Aegon Center 400 West Market Street
11	Louisville, Kentucky 40202
12	
13	
1 4	
15	
16	
17	
18	
19	
20	
21	
22	
23	
2 4	
25	

The sworn statement of WILLIAM STEVEN SEELYE, taken in the offices of Goldberg & Simpson, 3000 National City Tower, 101 South Fifth Street, Louisville, Kentucky, on Friday, the 29th day of July, 2005, at approximately 10:00 a.m.

EXAMINATION

BY MR. GOLDBERG:

- Q. Could you state your name, please.
- 12 A. William Steven Seelye.
- Q. All right, sir. And your address?
- A. My address -- I have to look it up

 myself -- 6435 West Highway 146, Suite 2, Crestwood,

 Kentucky.
 - Q. All right, sir. And what is your occupation?
 - A. I'm a consultant for the utility industry. Specifically, I do rate consulting, revenue requirement consulting, cost of service studies and depreciation studies. That's my primary services. We provide economic studies for electric, gas and water utilities all over the country.
 - Q. All right, sir. How long have you

been doing that as the Prime Group, LLC? 1 We started a little over nine years 2 3 ago, since 1996. All right, sir. And do you have other Ο. 4 persons who are members of the LLC? 5 There's my partner, or the other Yes. 6 Α. 7 member is Martin Blake. Okay. Tell me what your educational 8 Q. 9 background is. My undergraduate degree is in 10 Α. mathematics, and I have probably over 60 hours of 11 graduate work in industrial engineering and in 12 13 physics. All right, sir. Did you have -- did 14 Q. you work for the regulated utility industry prior to 15 becoming a consultant? 16 I did. 17 Α. Okay. And where did you work? 18 Q. I worked for Louisville Gas & Electric 19 Α. 20 Company. And how long did you work there? 21 Q. When I graduated from college -- I 22 Α. believe it was 18 years from the time I graduated 23 from college until I left LG&E nine years ago. 24 All right. And have you been a 25 Q.

```
consultant in these matters that you've described for
 1
     us since that period of time?
 2
             Α.
                     Yes.
 3
                     All right. Tell me if prior to your
 4
             Q.
     appearance in the two rate cases, which we'll call
 5
     00433 and 00434, had you worked for LG&E as a
 6
 7
     consultant?
 8
             Α.
                     Yes.
                     Okay. Had you appeared before the
 9
             0.
     Public Service Commission on behalf of LG&E before?
10
11
             Α.
                     Yes, on a number of occasions.
                     Okay. Had you appeared before the
12
             Ο.
     Public Service Commission in rate cases prior to your
13
14
     participation in these two cases?
15
             Α.
                     Yes.
16
             Q.
                     Okay.
17
             Α.
                     Could -- if I could elaborate a little
18
     bit.
19
             Q.
                     Sure.
                     Not just for LG&E, but for other
20
             Α.
21
     utilities in Kentucky.
22
             Q.
                    All right. Fair enough. Tell me when
     you were first retained to work on the two rate
23
24
     cases.
25
             Α.
                     When I was first retained to work on
```

1 | the two rate cases --

- Q. And again, that's 00433 --
- A. Approximately we began doing some of the preliminary work on this rate case during the summer prior to the filing. So what year was it filed, if you could help me with that.
- Q. I will. Notice of filing was November of 2003.
 - A. November 2003.
 - Q. And the actual petition was filed December 2003.
 - A. Right. Okay. That helps. We began doing the preliminary work on this rate case during the summer of 2003. However, at that point the company hadn't -- which is typical, had not decided whether it was going to file the rate case or not. That's very typical with any rate case you file. You have to do a lot of the preliminary work and also see where the revenue requirement leads you before you file a rate case.
 - Q. Okay. And was the Prime Group, LLC, retained or was Steve Seelye retained; do you recall?
 - A. The -- well, it would have been the Prime Group, LLC, I mean, because all of our work goes through the Prime Group. And in addition to

```
that, I did have people who are in my organization
 1
 2
     who work for me assist me in the case.
                    All right, sir. And specifically with
 3
             0.
     regard to the two rate cases, what were you retained
 4
 5
     to do?
                     I was retained to, number one, assist
 6
 7
     them with the overall filing and preparing the
 8
     documents for filing; also, to prepare -- to assist
 9
     them in the preparation of the revenue requirement or
10
     the level of the increase; and, three, to do a
11
     cost-of-service study for the company. What that is
12
     is a study where you allocate the cost of the classes
13
     of service for purposes of spreading the rate
     increase to the various classes. And then also to
14
15
     develop the rate design for the two utilities.
                    Okay. Was it your understanding that
16
17
     you would be testifying before the commission on
     those items?
18
19
             Α.
                    Yes.
                    Okay. I take it you had done this
20
             0.
21
     kind of work before?
22
                    Yes, numerous times.
             Α.
23
                    Okay. As part of your consulting
             0.
24
     practice?
25
                    Yes.
             Α.
```

```
Q.
                     And had you done the same kind of work
 1
     at LG&E?
 2
                     When I worked at LG&E?
                                              Yes.
 3
             Α.
                     Yes, sir. Okay. Fair enough.
                                                       Now,
 4
             Ο.
 5
     you performed this work, I take it, in the summer and
     through the fall of 2003?
 6
 7
             Α,
                     Yes.
                     Okay. How long do you recall working
 8
             0.
     on the package that ultimately would be filed?
 9
10
             Α.
                     How long?
11
                     Yes, sir.
             Ο.
                     A significant portion of that period.
12
             Α.
                     All right, sir. Are you familiar with
13
             Q٠
14
     the company North American Stainless?
                     Yes.
15
             Α.
                     Okay. Are you familiar with a
16
             0.
     controversy between North American Stainless and KU?
17
             Α.
                     Yes.
18
                     Okay. Did you participate in dealing
19
             Ο.
     with any of the issues in that controversy?
20
                     Ultimately, yes, and -- but not until
21
             Α.
22
     late in the process.
23
             Q.
                     Okay.
24
                     The -- my involvement with them began
             Α.
25
     when the company asked me -- let me back up and
```

```
indicate that that case was on a separate track from
 1
     the rate case at the time, and it was ultimately
 2
     rolled into the rate case. And when it was rolled
 3
     into the rate case, the -- NAS had submitted
     testimony, and I was asked to rebut that testimony.
 5
     So I prepared rebuttal testimony in response to their
 6
 7
     direct testimony.
                     Would you have not worked on anything
 8
             Ο.
     to do with North American Stainless until such time
 9
     as it was consolidated?
10
                    Would I not or did I not?
11
             Α.
12
             0.
                    Did you not?
                     I did not until it was consolidated.
13
             Α.
                    Fair enough. So you did nothing on
14
             Ο.
15
     North American Stainless --
16
             Α.
                    Right.
                    -- until that point in time.
17
             0.
                     Okay. Let's go back to the period of
18
19
     time notice of filing.
20
             Α.
                    Mm-hmm.
                    All right. And that would be in
21
22
     November of 2003. Are you familiar with the staff of
     the Public Service Commission?
23
                    Somewhat.
24
             Α.
25
             Q.
                    Okay.
```

```
Α.
                     Somewhat.
 1
                     Do you know some of the individuals?
 2
              Q.
             Α.
                     Yes.
 3
                     Okay. Let me ask you if you know
 4
              Q.
     Richard Raff.
 5
                     Yes.
 6
             Α.
 7
                     Did you talk to Richard Raff about the
              ο.
     rate cases prior to the notice of filing in November
8
     of 2003?
 9
10
             Α.
                     No.
11
                     Okay. Do you know Mr. Isaac Scott?
              Ο.
12
             Α.
                     Yes.
                     Did you talk to Mr. Isaac Scott about
13
             Q.
     the two rate cases prior to the filing in November of
14
     2003?
15
16
             Α.
                     No.
                     Okay. Do you know Mr. Jeff Shaw?
17
             Q.
18
             Α.
                    Yes.
                            Did you talk to Mr. Jeff Shaw
19
             Q.
                     Okay.
20
     about the rate cases prior to the filing --
                     No.
21
             Α.
22
             Q.
                     -- notice of filing in November of
     2003?
23
24
             Α.
                     No.
25
                     Okay. Do you know Mr. Faud Sharifi?
             Q.
```

1	A. Yes.
2	Q. Did you have occasion to talk to him
3	prior to the notice of filing about the rate cases?
4	A. No.
5	Q. Okay. Do you know Andrea Edwards?
6	A. No.
7	Q. Do you know Martha Morton?
8	A. Yes.
9	Q. Did you have an opportunity to talk to
10	her about the rate cases prior to the notice of
11	filing in November of 2003?
12	A. No.
13	Q. Okay. Do you know Tom Dorman?
14	A. I've been in meetings with him. I
15	can't say I really know him. I've been in technical
16	conferences with him.
17	Q. All right, sir. Have you ever talked
18	to him about the two rate cases or did you ever
19	talk to him about the two rate cases prior to the
20	notice of filing in November of 2003?
21	A. No.
22	Q. Okay. I take it, then, you didn't
23	talk to any member of the staff of the Public Service
24	Commission about the rate cases, at least as of prior
25	to the notice of filing in November of 2003.

Α. That is correct. 1 2 Okay. Do you know any of the Public 0. Service Commissioners as of that point in time? 3 As of the filing date --4 Α. 5 Ο. November of 2003. I know them only insomuch as I've 6 7 testified before them. 8 Ο. Okay. Do you know or did you know 9 Commissioner Marty Huelsman? 10 In -- I testified before Mr. Huelsman. Α. 11 Okay. And prior to the notice of 0. filing, did you ever talk to him about the two rate 12 13 cases? 14 Α. No. 15 Let me ask you the same question with Q. 16 regard to Commissioner Gary Gillis. Did you -- do 17 you know him? 18 Α. In the same way. 19 0. Okay. And did I -- I did not talk to him 20 Α. 21 prior to the filing. 22 Okay. And let me ask you the same 0. 23 question with regard to Commissioner Bob Spurlin. 24 Α. I can't even remember him. 25 Okay. Fair enough to say you never Q.

talked to any of the Public Service Commissioners

about the two rate cases prior to notice of filing.

A. That is correct.

2.0

- Q. Okay. Now, after the notice of filing until the informal conference -- first informal conference, which I'm representing to you as April 28, 2004, tell me what you did with regard to the two rate cases, what work you did.
- A. Okay. Subsequent to the filing, the first major thing that I did is to respond to data requests. There were numerous data requests from the commission. There were three sets of them from the commission, and then there were two sets from the other parties. And I worked on preparing responses to those data requests.

The other thing that I did was to help -- or to -- when the rebuttal -- excuse me, when the intervener direct testimony came in, I reviewed that and I developed rebuttal testimony and helped other witnesses develop their rebuttal testimony in response to the intervener direct.

I also -- we helped prepare for the hearing that was coming up, as well as to have discussions concerning possible settlement discussions that were possibly coming up.

Q. Okay. During that period of time, did you have any contact with any members of the Public Service Commission staff as we have defined them?

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

I had one contact with the staff, and Α. what the contact involved was a question that we had concerning one of their data requests. We didn't understand it. It's typical practice if you don't understand a data request, your attorney calls their attorney to inquire as to the meaning of the data request so you can respond to it. That happened. LG&E's attorney contacted the staff attorney and -which resulted in a very short conference call with LG&E's attorney, me on one end and the PSC attorney and one of the staff members on their end. It was -we developed an understanding of what they were after in that data request, and that was the extent of the conversation.

Q. All right. Do you have a time frame where you can reference that?

A. It was only -- I can't remember the month, but I can remember it was the -- essentially the third set of data requests by the commission, and let me clarify that. The commission has a routine data request that they submit to you right when you file it, and then there's two follow-up data

requests. It would have been the last in that 1 2 series. 3 Q. All right, sir. So it would have been a question on Α. 4 that last data request. 5 All right. And do you recall who 6 participated in the conference call? 7 Yes. On LG&E's side, me and Allyson Α. 8 Sturgeon, which is the -- one of the attorneys 9 working on the case. And on their side it would have 10 been Richard Raff and Isaac Scott. 11 12 Q. All right. How long was the call? 13 Α. I'm going to say 15 minutes. No more than that. 14 Okay. Other than that 15-minute call, 15 Ο. any contact with the staff between notice of filing 16 and informal conference, April 28, 2004? 17 None. 18 Α. Okay. Any contact with any of the 19 Q. commissioners? 20 Α. None. 21 Okay. And let me say that by that 22 0. point in time you had two new commissioners. Present 23 chairman, Mark David Goss, have you ever met him? 24 Only during the hearing, but not prior 25 Α.

1 to then. 2 All right, sir. Other than meeting Ο. 3 him, did you have any other contact with him? 4 Α. No. 5 Ο. Okay. And Ms. Ellen Williams, have 6 you met her? 7 Α. Only in hearings, and I believe she 8 was in another company's hearing as well, but only 9 during the context of a hearing. 1.0 0. All right. Fair enough. April 28, 11 2004 is the date of the informal conference. Did you 12 attend the informal conference? 13 I did. Α. 14 Ο. Okay. And what was your 15 participation? 16 One of the, if you will, negotiators Α. 17 in -- in that conference, 18 Tell me first who you recall being at Ο. 19 the informal conference. 20 I recall -- it's a little fuzzy who Α. 21 all was there, but I -- the ones I do remember being 22 there was the staff -- representatives from the 23 staff, including Richard -- Richard Raff, Isaac Scott 24 and Jeff Shaw. I think those three. 25 Q. Do you recall any other members of the

1 staff? 2 Α. I don't recall them being present. 3 0. Okay. The -- also the KIUC representatives. 4 Α. 5 Mr. Boehm? Q. 6 Mr. Boehm and --Α. 7 Mr. Kurtz? 0. 8 Α. -- Mr. Kurtz. They were there. 9 And the other ones would have been 10 Ms. Blackford and --11 Ο. Mr. Howard? 12 He was in and out, but yes, he was --13 on one of the two days at least he was there. And I 14 cannot recall on those days -- I can't recall any 15 other party being there, but they may have been 16 Those are the ones that primarily did the there. 17 talking and the ones I remember. If there were other 18 parties there, they didn't say much. 19 0. Well, let me test your recollection a 20 little bit, see if I can refresh it. Do you recall 21 representatives of what has euphemistically been 22 called the low income group? 23 That week -- I can recall them Α. 24 specifically the next week because they began to 25 speak the next week. But that week, I don't remember

1 them saying anything.

- Q. How about Mr. David Brown from Kroger, was he present?
 - A. Yes. He was there during the discussions, but whether he was there on those days, I can't remember.
 - Q. Okay. Fair enough. So that's the crew you remember on informal conference.
 - A. Mm-hmm.
 - Q. Tell me essentially what transpired on that day.
 - A. On -- there were two days essentially of -- if I recall correctly, of discussion of the issues of the case primarily. And we went through and tried to resolve a number -- or virtually all of the issues in the case one at a time essentially. And the -- I can't remember if there was -- first day, I believe, there was primarily discussion on trying to resolve some of the issues. And if I remember correctly, there was on the second day, maybe the -- late in the first day, there was an issue-by-issue offer made by the intervener parties, and it was primarily driven at that point by the industrials. They were doing most of the talking.

Q. KIUC?

```
1
             Α.
                     Yes. KIUC, their attorneys were doing
 2
     most of the talking. And probably the second most
     vocal, but much less so, was the attorney general
 3
     attorneys, Ms. Blackford and Dennis Howard. And they
 4
 5
     put an issue-by-issue response on the table at some
     point, and I believe it was probably the second day.
 6
 7
     And the company ultimately responded to that offer,
     if you will. And then they made a counteroffer, and
 8
     that's what I basically remember the first couple of
 9
10
     days.
                    All right. April 28th --
1 1
             Ο.
12
                    It was --
             Α.
                    April 28th and April 29th?
13
             Q.
14
             Α.
                    Yes.
                            Now, where were you physically,
15
                    Okay.
             0.
16
     at the Public Service Commission?
17
             Α.
                    Yes.
18
                    Do you remember the particular room?
             0.
19
             Α.
                    Yes.
20
                           Where was it?
             Q.
                    Okay.
21
                    It was the second hearing room behind
             Α.
22
     the main hearing room.
                    Okay. And was the staff contingent
23
             0.
     that you've defined for me there for the whole
24
25
     sessions, all sessions of the two days?
```

They were certainly present. I 1 Α. can't -- I don't recall if they were at every single 2 discussion we had, but they were there. 3 All right. And did they participate Q. 4 in the discussion? 5 They participated, as is typical in 6 these types of proceedings, in a -- they stood back a 7 little bit first, and they got more involved in it as 8 the discussions proceeded. 9 I have heard their role defined as 10 Ο. that of mediation. Would you agree with that? 1.1 12 Early on I would say not even the role Α. of mediation because it -- it was basically the 13 attorney general, KIUC, and the company hashing out 14 Therefore, I wouldn't even say that they 15 issues. 16 were mediating at that point. Ultimately, as is typical of staff throughout the country, they took on 17 a mediation role. 18 All right. Fair enough. Now, do I 19 0. take it that all issues were still outstanding by 20 close of meeting second day, April 29? 21 22 Α. Say it again. There was no resolution of any of the 23 **Q**.

issues by close of session April 29th, yes or no?

24

25

Α.

No.

· ·	Q. There was some agreement?
2	A. There was no agreement
3	Q. All right.
4	A by the close of the business day.
5	Q. Okay. Now, do I take it that there
6	was some general understandings reached on some
7	issues at the end by the end of April 29th?
8	A. They had agreed to a position that
9	they advanced to the company, okay? They I mean,
10	that an agreement it was probably at that point
11	provisional on the part of the AG, but the KIUC had
12	bought in at that point on advancing a position. The
13	company had not agreed to it by the end of the day.
14	Q. Fair enough. Did you have a sense
15	that KIUC and the attorney general were in agreement
16	on what their position was as a proposal to LG&E/KU?
17	A. I would say provisionally on the part
18	of the AG at that point. They needed to check
19	with
20	Q. With the attorney general?
21	A. Yes.
22	Q. Okay. Did you have a sense they did
23	not have authority, at least as of the close of
24	business, April 29th?
25	A. That was my sense.

```
All right. Let me see if we can agree
             Q.
 1
     on some terms. And I'm smiling, as you can see,
 2
     because I've learned a lot of them and I'm slightly
 3
     dangerous now, Mr. Seelye, so bear with me. I have
 4
     been advised that the major issues -- as complex as
 5
     the cases may be, but the major issues really boil
 6
 7
     down to two things: Revenue requirement, which is
 8
     how much essentially; and rate design, which is who
     should pay. Is that a fair statement?
 9
10
                    Yes.
             Α.
                    All right. As of close of business
11
             0.
12
     April 29th, had a lot of issues on rate design been
13
     at least agreed to?
                    Rate design?
14
             Α.
15
             Q.
                    Yes, sir.
16
             Α.
                    None.
17
                    Okay. Revenue requirements?
             0.
                    We were approaching what I felt at the
18
             Α.
     time was a -- an agreement on those issues by the end
19
     of the day. And that is a Thursday; is that correct?
20
                    Yes, sir.
21
             0...
22
             Α.
                    Oh, yes.
23
                    All right. And that revenue
             Ο.
     requirement, so I understand it, has a gas component
24
     and an electrical component, electricity component.
25
```

Yes, that's correct. Α. 1 And did you have a sense that you were 2 Q. closing in on agreement on both gas and electric? 3 They weren't differentiated at that Α. 4 point, so the answer is yes. 5 All right. Fair enough. Now I have 6 an understanding of what happened the first two days, 7 8 from your vision. April 30th, which is also Oaks Day, 9 did you participate in any discussions on that day? 10 Yes, I did. 11 Α. Tell me what you recall of that day. 12 Q. The -- there were two discussions. 13 Α. One of them was by a telephone call in the morning 14 with KIUC and Dennis Howard and the company. 15 don't -- well, I don't think Betsy Blackford was in 16 17 that discussion. 18 It was a telephone call? Q. Yes, there was a telephone call. 19 Α. Who participated from LG&E in the 20 0. telephone call? 21 Me and Kendrick Riggs were the only 22 Α. two participants on that call. And on the other 23 side -- we were having trouble patching both -- I 24 believe it was Dennis in -- or the KIUC in one of 25

them, but eventually we had a discussion. 1 2 think we agreed to try to meet later on in the afternoon in person with the KIUC representatives and 3 the AG, and that was the second meeting we had. And 4 5 I don't remember much of substance being discussed during the telephone call other -- there may have 6 7 been a few points, but largely it was to see if they would meet with us a second time so we could go over 8 9 the offer that was made on the other part -- party, and -- which we met in the afternoon. We drove over 10 11 to the meeting. 12 In the second meeting John McCall, 13 Kent Blake, me -- or Kendrick Riggs and I went to that meeting. And on -- from the KIUC, I don't think 14 15 David Boehm was there. I think it was only Mike 16 Kurtz. 17 And that was in Frankfort? 0. Yes. 18 Α. 19 At the office of the attorney general. Q. Yes. 20 Α. 21 Okay. And who participated in that? 0. 22 Okay. That's who I was describing, Α. 23 but I'll go through it again. The four people from 24 LG&E's side that participated in the afternoon was 25 John McCall, Kent Blake, Kendrick Riggs and -- and

1 me.

Q. All right.

A. Okay. From the KIUC, it was Mike

Kurtz. I don't think David Boehm made it to that

meeting, if I recall correctly. And the -- from the

AG, only Dennis Howard. Ms. Blackford, I don't

think, could attend. So -- no. There was another

fellow -- and I can't remember his name -- from the

AG's office that sat in, and I don't remember him

saying anything. He was a tall, thinning fellow, and

I can't remember his name from the attorney general's

office. He works for Dennis.

- O. He worked for Mr. Howard?
- A. Yes.
- Q. All right. Now, am I understanding it correctly, it was your belief that there was a proposal on the table to LG&E from the attorney general and KIUC at the time you went to that meeting?
- A. From the KIUC definitely. From the AG, I think they still needed to clear it with the attorney general, which they had intended to Friday. And on -- I believe he had discussed it, and I think that they were -- by the -- by Friday, if I remember correctly, I believe that it was a firm offer from

```
That's certainly how we were talking is that
     the AG.
1
     the AG -- that he had got clearance from the attorney
2
     general, Dennis had, that Dennis had gotten clearance
 3
     from the attorney general and that it was a firm
 4
     offer at that point. And we were counterproposing
 5
     with a couple of other issues, not modifying the
 6
     revenue requirement, but future treatment of two
 7
     other issues.
 8
                    Okay. What was the offer, as best you
 9
             Ο,
     recollect it, from the attorney general?
10
                    Approximately $101 million.
11
             Α.
                    All right, sir.
12
             Q.
                   Approximately.
13
             Α.
                    Okay. And tell me why you had a
14
             Ο.
     belief that Mr. Howard had authority from the
15
     attorney general to make that offer on Friday,
16
17
     April 30th.
                    On -- by Friday, I think he had
             Α.
18
     indicated it, number one. And if not by Friday, then
19
     by Monday at the very least. But I believe by Friday
20
     he had indicated it.
21
                    Number two, he was certainly
22
     negotiating it as if it were on the table.
                                                  They were
23
     negotiating very hard against any movement away from
24
```

the 101 at that point. They ultimately declined or

25

```
rejected one of our proposals. The other proposal
1
     they said they had assumed it all along so they
 2
     didn't have any trouble with it. One of them related
 3
     to a gas issue, and the other one related to a NOX
 4
             And they rejected one --
 5
     issue.
                    What kind of issue, I'm sorry?
 6
             Q.
                    A NOX, N-O-X. Capital N, capital O,
 7
             Α.
8
     capital X.
                    Okay.
 9
             Q.
                    And the -- like I said, he at that
10
     point was arguing very hard for -- from the position
11
     of 101 --
12
                    Mr. Howard was?
1.3
             0.
             Α.
                    Yes. And at that meeting the --
14
     contrary to earlier meetings, he was principal voice
15
     in -- in the opposition, if you will, or at the
16
17
     settlement table as opposed to the KIUC. Prior to
     that, it was the KIUC. And the KIUC was -- seemed to
18
     be all right with either issue, but it was Dennis
19
     Howard arguing against these two issues and arguing
20
     from the point of view of retaining the 101 and not
21
22
     providing both of these issues.
                    All right, sir. How long did the
2.3
             Ο.
24
     meeting last?
25
             Α.
                    Probably an hour and a half.
```

```
Okay. Any participation from staff in
             Q.
1
 2
     that meeting?
                     Only by phone.
             Α.
 3
             Q.
                     Okay.
 4
                     And that was -- Mr. Raff was on the
 5
             Α.
     phone as well.
 6
                     Okay. And what do you recall was his
 7
             Q.
 8
     participation, if any, other than being connected to
     you by phone?
 9
                     He was pretty silent that day.
10
             Α,
                     All right.
11
             Q.
                     I don't remember him making any
12
             Α.
13
     points.
                     All right, sir. As you left on
14
             Q.
     Friday, April 30th, the attorney general's office,
15
     did you believe you had an agreement on revenue
16
17
     requirement?
             Α.
                     Absolutely.
18
                     And you believe that agreement to be
19
             Q.
     at $101 million?
20
                     Yes.
21
             Α.
                     Did you have an agreement on rate
22
             Q.
23
     design?
24
             Α.
                     No.
                     Okay. Was anybody present at the
25
             Q.
```

1 meeting charged with drafting a document to reflect
2 the understanding arrived at?

A. I don't recall that.

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

25

- Q. Okay. What do you recall was going to be the next step?
- A discussion the following week to bring the other parties up to -- to date that weren't at that meeting, as well as to proceed with rate design. There were other parties that were not at, obviously, discussion on Friday. They were to be brought up to speed on Monday, I believe it was. Ιt was either a Monday or a Tuesday, next time we met in any event. And, for example, there were representatives from Kroger there, NAS, North American Stainless, the low income groups, maybe others. Yes, there was one other principal one, and that was the Department of Defense, which is a big player in that. So those were the two things that were going to happen next is bring the other parties up to speed to make sure that they were still in agreement with everything, and to proceed with rate design issues.
- Q. All right, sir. I presume nobody
 worked Derby Day.
 - A. I probably did.

Q. All right. Well, nobody worked in a 1 2 negotiation setting. No, no negotiation. 3 Α. Following day was Sunday. May 3rd 4 Q. 5 would be the Monday. Do you have a recollection that there were discussions on May the 3rd? 6 Yes, I believe there was. 7 Α. Okay. And where would those 8 0. discussions have taken place, as best you recall? 9 Α. The next settlement meeting was at the 10 commission, hearing room 2, or whatever it's called. 11 All right, sir. Does the term 12 "prehearing conference" mean anything to you? 13 14 Α. Yes. Do you have a recollection that there 15 was discussions either at the prehearing conference 16 17 or afterwards? Α. Yes. That was -- there were 18 19 That was probably what was scheduled discussions. for Monday was a prehearing conference, that we 20 continued on with the discussions and the 21 22 negotiations, but there were some procedural issues that had to be dealt with as well. 23 24 All right, sir. Tell me who you Q. recall being present in hearing room 2 for the 25

1 discussions. I believe every party in the case. 2 All parties? Now, who was present --Ο. 3 who was the LG&E team at that point? 4 It was essentially -- it was Okay. 5 Α. probably a broader team on that day because there 6 were more parties -- more individuals brought to it, 7 I believe, at that point. But the principal 8 negotiating team was the same group, which was --9 Kendrick and I sat at the table, round table. 10 John McCall and Kent Blake was there from the LG&E 11 team, but I believe there were other attorneys there. 12 Bob Watt comes to mind at that point. Greg Cornett 13 comes to mind, Allyson Sturgeon. I believe Dot 14 O'Brien may have been there. She was certainly there 15 the next day if she wasn't there that day. And there 16 were beginning to be support people that didn't sit 17 in the room, but they weren't in the -- or in the 18 room -- negotiation room, if you will. 19 Now, I guess that was your question is 20 who from LG&E was there. 21 Mm-hmm. Was Mr. Sales there on that 22 Ο. 23 day? Who? 24 Α. Mr. Sales. 25 Ο.

- A. I can't recall if he was there that day or the next day. It was one or the other because he was working with the NAS issue.
 - Q. Tell me what you recall about the negotiations on that day, May 3rd.

sequence of events, but I remember there was a discussion about a procedural issue. There was a long discussion early on about withdrawing a certain issue, and I think it had to do with earnings sharing mechanism, that we reached agreement early on and there was still some discussion procedurally how we were going to -- how testimony, et cetera, would be withdrawn on the earnings sharing mechanism. So there was a lengthy discussion on that before we went on to other issues in the case. And if I recall, there was some discussion reviewing what -- where we were at that point and still fine-tuning some of the revenue requirement issues because, like I said, there were a lot of other parties at the table.

There were also discussions -- Kroger had an issue in the case, and I believe that they wanted to discuss that as well. So the attorney for Kroger -- I think it was Mr. Brown, if I remember correctly -- raised several issues. But there

were -- we didn't move along as quickly as we thought because there were a lot of issues brought up early in the morning. And I can't remember if -- when did -- was the hearing -- the hearing, I guess, was scheduled to begin on maybe Tuesday. Yes, May the 4th. Okay. But it didn't really take place Α. until Wednesday, so those two days run together because at one point I recall Betsy Blackford got a call from the attorney general's office saying, "I've been directed to call off all negotiations." And I can't remember if it was on the Monday or the Tuesday. I think it was on the Tuesday because I didn't come back on Wednesday because I was preparing for the hearing because I thought the hearing was probably going to go on at some point. But she received a call at some point on one of those two days saying, "Direct" --Do you recall being there --Q. Α. Yes. -- when she received the call? 0. Yes. Α. Q. Okay. She took the call. She got off the Α. She stood up and said, "The attorney general

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

phone.

has said to cancel all negotiations."

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Q.

And there was a long silence. And then David Boehm said, "Well, you can leave if you want to, but you can't tell us to call off the negotiations. We're going to proceed with or without you," is basically what his response was, that I recall.

And she got up and left, but she eventually at some point came back. And the day that the -- on Wednesday, I wasn't -- didn't attend. And then they called me at my office because I was preparing for the -- the hearing, and the hearing was to begin on Wednesday. We were going to continue with negotiations, but continue -- go on with the hearing because the AG had not agreed with it, even though we were trying to continue to work on the settlement with the other parties. And -- but I was called back on Wednesday morning to come back because the settlements were moving forward, and they were going to move forward concurrently with the hearing, which they did at that point on -- but it wasn't until, I think, late Wednesday that the hearing began. It was like in the afternoon, if I recall. Now, I could be a little fuzzy on some of these.

Let's walk back through some of this

1 and see if I can refresh your memory a little bit.

A. Okay.

- Q. On May the 3rd, which would have been the prehearing conference and would have been the Monday, do I take it you recall negotiating, and at that point in time was the revenue requirements number still in place, meaning the understanding of \$101 million?
 - A. Yes.
- Q. And did all parties, after I presume they were informed of the understanding reached on the Friday, agree with the \$101 million?
 - A. No voice of opposition was raised.
- Q. All right, sir. Do you have a recollection that the conversation that occurred at the attorney general's office was the first item on the agenda disclosed to the other parties on Monday, May the 3rd?
- A. I don't think it was. I think there was another matter, and that was the ESM matter was the first, that I recall.
- Q. All right, sir. Did you have a clear recollection, do I take it, that the \$101 million tentative understanding reached with the attorney general was put on the table that day?

1 Α. Yes. 2 Okay. And there was no opposition Q. 3 that you recall. Α. None whatsoever. 4 5 Okay. May the 4th arrives. That's Q. 6 Tuesday. 7 Α. Mm-hmm. 8 Q. Now, you are present on the Tuesday. On Tuesday I'm present. 9 Α. All right, sir. And do you recall 10 Q. what the first item on the agenda was for the parties 11 12 on Tuesday, May the 4th? 13 Α. I believe we were talking about rate design at that point. 14 All right. Do I take it that you were 15 Ο. talking about rate design because you believe revenue 16 requirement had been taken care of? 17 18 Α. Yes. And do you have a recollection 19 Okay. Q. that sometime in the morning or maybe in the early 20 21 afternoon that Ms. Blackford made her speech about the attorney general wanting to call off 22 23 negotiations? She received the phone call either 24 Α. late afternoon -- or late morning, early afternoon. 25

```
One of those two. It was well into the day.
1
                    All right. Was Mr. Howard with her?
2
             Ο.
             Α.
                    No.
 3
                    Okay. You don't have a recollection
 4
             Q.
 5
     of Mr. Howard --
                    He was at -- I believe at the -- he
 6
     was, I don't think, in the room at the time when this
 7
 8
     call was made.
                    Okay. The reason I'm asking you that
 9
             Q.
     is I've heard two or three renditions of this chain
10
                 They all end up the same way.
11
     of events.
                    Mm-hmm.
12
             Α.
                    But let me ask you to reflect on your
13
             Q.
     memory. Is it possible that Mr. Howard came in the
14
     room, spoke with Ms. Blackford, and that Mr. Howard
15
     made the announcement that the attorney general would
16
     not honor the understanding of April the 30th and was
17
     on his way to the Public Service Commission to talk
18
19
     to various people?
                    I thought I remembered a phone call.
20
             Α.
                    All right. Fair enough.
21
             Q.
                    So ...
22
             Α.
                    All right. Just checking to see
23
             Q.
24
     whether that jogged your memory or not.
                    Yeah. I mean, he -- I believe he was
25
             Α.
```

```
around. He may have been taking a smoke break or
1
     something like that.
2
                    Fair enough. Do you recall a meeting
3
             0.
     on Tuesday where the attorney general personally
4
     attended?
5
                    On which day?
             Α.
6
7
                    Tuesday.
             Q.
                    Tuesday. I thought it was Wednesday,
             Α.
8
     but it could have been Tuesday.
9
                    All right.
10
             Q.
                    I was there when he came in the room.
11
             Α.
                    Okay. But your reflection is that you
12
             Ο.
     learned he was no longer in agreement with the
13
     arrangements made on Friday, April the 30th, on
14
     Tuesday, not on Wednesday, correct?
15
                    Yes, I believe it was Tuesday.
             Α.
16
17
             Q.
                    Okay.
                    I'm almost certain it was Tuesday.
18
             Α.
                    All right. So in your mind there was
19
             Ο.
     a day's separation between the time you first learned
20
     he was not going to honor the understanding you
21
     reached April 30th and the time he actually came to
22
23
     the PSC.
                    There was -- say that again, I'm
24
             Α.
25
     sorry.
```

```
Okay. In your mind there was a --
             Q.
 1
     essentially a day passed between the time you learned
 2
     that he was not going to honor the arrangement of
 3
     April the 30th and the time he actually came
 4
     physically to the PSC; is that correct?
 5
                     That was my recollection.
 6
 7
                    Fair enough. Okay. So I take it that
             Q.
     you learned that -- from Ms. Blackford, your
 8
     recollection, that he was not going to honor the
 9
     agreement of April 30th. You gave me the colloquy
10
     that -- between her and Mr. Boehm. What transpired
11
12
     after that for the remainder of the day?
                    We continued to discuss issues.
13
             Α.
                    Okay. She participated?
14
             Ο.
15
             Α.
                    No.
                    She left?
16
             0.
17
             Α.
                    She may have come back in, but she
     left for a period of time.
18
                    After her announcement?
19
             Q.
20
             Α.
                    Yes.
21
             Q.
                    Okay.
22
             Α.
                    She stood up and walked out.
                    Mr. Howard, where was he? You don't
23
             0.
24
     remember him being on the scene?
25
             Α.
                    Not in the room.
```

ġ, Okay. 1 2 Because we continued with the Α. 3 discussion, and there was no representative from the AG there. 4 All right. How long did that occur? 5 Q. I can't remember if it was the rest of 6 7 the day or if she came back in. 8 0. All right. It's possible she could have gone out for a short period of time and come 9 back in? 10 Yes, that's very possible. 11 Α. 12 0. Okay. 13 Because it seems like she did drift Α. 14 back in --15 All right. Q. 16 -- at some point. Α. 17 Q. Okay. Wednesday, tell me what you 18 recall about the events of Wednesday the 4th. 19 Okay. We were -- because the AG Α. 20 was -- it was our assumption that they weren't on 21 board at that point, we were going forward with the 22 hearing. And we were going to try to, I believe, 23 work out settlement discussions. But I needed to 24 prepare for the hearing, so I did not attend in the 25 morning because the assumption was that LG&E's first

witness was going on the stand. 1 2 Were you the first witness? Ο. No, I wasn't, but I was -- it gave me 3 time to prepare for my own cross-examination. But I 4 was called at about probably 9:30 or so, because I'd 5 6 already been in my office for a while, and then I 7 received a call saying, "Negotiations are back on. 8 You need to be here." So I drove, probably got there at 10:30 or so and -- maybe 11:00, and we proceeded 9 10 with the rate design discussion. Any discussion about revenue 11 Q. 12 requirement? 13 Α. Not at that point. 14 Q. Okay. 15 Not that I was involved in. Α. 16 All right. And same persons involved Q. 17 in the discussions on Wednesday morning that had been 18 involved all along? 19 Yes, including at that point the Α. attorney general representatives, both Dennis and 20 21 Betsy. 22 Q. All right. They may have been there 23 on Tuesday afternoon, you simply cannot recall. Am I 24 correct? I cannot recall. 25 Α.

Q. All right. Fair enough. But you do 1 2 recall them on Wednesday morning. Yes, definitely on Wednesday morning. 3 Α. And the discussions, I take it, were 4 Q. 5 more about rate design than revenue requirement? Yes. We proceeded further into the 6 Α. 7 rate design area. Я Ο. Okay. 9 Which I was the principal rate design Α. witness; therefore, they didn't want to begin that 10 11 without me, so ... 12 All right. Then what happened? Ο. 13 Α. We continued to negotiate with all the 14 parties. 15 Do you recall -- is that when you Q. 16 recall sometime that day the attorney general coming 17 to the building? 18 That was my recollection is the day Α. 19 that he came because the hearing was on. television cameras were there, and I believe that's 20 21 the day that he showed up. 22 Okay. Is it possible you were not Ο. 23 present for another discussion with the attorney 24 general between he and Mr. Riggs and Mr. McCall? 25 I was not involved in any other Α.

discussion other than in the full room with all the 1 2 parties there. All right. Fair enough. So you don't 3 0. 4 know anything about such a discussion or when it occurred. 5 No. 6 Α. Okay. Was it ever reported to you 7 Q. that there was a discussion between Mr. McCall and 8 9 Mr. Riggs and the attorney general? 10 Α. Yes. There was -- there was an indication that there was a discussion with the 11 12 attorney general and that they had made a 13 counteroffer. Now, memory is always fleeting. 14 0. Okav. I'm trying to get our Tuesday, Wednesday right, so 15 16 let's really try to focus in on that. Yeah. 17 Α. Is it your understanding that you do 18 Ο. not have any recall of the attorney general being 19 present for a meeting with Mr. McCall and Mr. Riggs 20 on Tuesday, the 3rd, a short meeting? 21 I don't recall that. 22 Α. Fair enough. 23 0. It could have taken place while I was 24 Α

25

dealing with other issues.

Q. All right. 1 Because --2 Α. Do you recall a report --3 ο. Α. Yes. 4 5 -- being given to you? Q. I recall a report that the attorney 6 Α. 7 general had made an offer to the company --8 0. Okay. -- that was fairly close to where we 9 Α. 10 were. What was your understanding of what 11 Ο. 12 that offer was? It was \$90 something million is what I 13 Α. 14 recall. 15 All right, sir. And when do you Q. believe that offer was made? 16 17 I don't think I heard about it in Α. Wednesday, but -- sometime on Wednesday, which made 18 19 me think -- well, actually, I didn't know that it took place directly between the attorney general and 20 Mr. McCall. All I heard was the attorney general had 21 22 made this offer. 23 0. Right. 24 And it was my assumption it probably Α. 25 came through some other party, like Dennis Howard.

But it was irrelevant. 1 It was not made in front of you. 2 Ο. No, it was not made in front of me. 3 Okay. This is May the 4th. Do you Q. 4 believe -- do you believe the offer was made on May 5 the 4th? That's the Wednesday. 6 That would have been my guess, and 7 that would have been my estimation --8 I'm sorry, that's Tuesday. 9 0. It -- at least by Wednesday. I can't 10 Α. say if it was Tuesday or not. 11 Did you actually give testimony on May 12 Ο, 13 the 4th? 14 Α. No. Did you give testimony on May the 5th? 15 Q. Yes. 16 Α. Okay. What do you remember about the 17 Q. events of May the 5th? 18 May the 5th, we continued with 19 Α. 20 negotiations. All right. 21 Q. And at one point around either 22 Α. Wednesday or Thursday we had an agreement on the 23 revenue requirement. I believe it was by the end of 24 the day Wednesday, could have been on Thursday, on 25

1 gas. Okay. Which all parties signed off 2 Ο. 3 on. That all parties signed off on the Α. 4 level increase for gas. And we were going to 5 continue with the rate design issues on the electric, 6 7 which were a lot more complex because there were so 8 many more parties involved in that one. So we continued the discussion on rate design to try to 9 hash those out with all of the parties, including the 10 11 attorney general. 12 Were you also giving testimony on that 0. 13 day? On Thursday I think I got on the 14 Α. 15 stand. Am I correct that testimony was 16 Okay. Ο. also given the day before, on Wednesday? 17 18 Wednesday afternoon, if I recall. Α. 19 Okay. So that the setting is people Ο. are negotiating and testimony is also being given. 20 Yes, because I did not attend any of 21 Α. the hearing. I was back in the negotiations almost 22 23 the entire time except when I came out to testify. 24 Q. Okay. That's the events of May 5th. 25 Do you remember anything else about May 5th?

1 | would be the Thursday.

- A. I remember not getting a lot of sleep the night before, but not on Thursday.
- Q. Okay. May the 6th, next day. What do you recall of the events of May the 6th?
- agreement with all of the parties that we were going to come to agreement with, including understanding in the written document that was prepared the previous two nights -- that was largely prepared by Mr. Watt and Greg Cornett with us. We went through the document, if I remember correctly, and we reached agreement on final issues, one of the last being North American Stainless. That was one of the last issues that we resolved.
- Q. All right, sir. It was my understanding that there was never an agreement with regard to revenue requirements with the attorney general on electric.
 - A. No.
- Q. Okay. And that was the -- is it your understanding that was the only outstanding issue by the close of business on May the 6th?
- A. It was documented that way in the agreement that the attorney general was going to

```
1
     sign.
                     All right. And did they ultimately
2
             0.
3
     sign a document submitted to the Public Service
     Commission?
 4
 5
             Α.
                     Yes.
 6
             Q.
                     Okay.
7
                     And I believe that happened on Friday.
             Α.
                     All right. Now, I want to take you
8
             Ο.
9
     back to the morning of May the 6th. Were you in the
10
     courtroom the morning of May the 6th?
                     Yes.
11
             Α.
12
                     The hearing room?
             Q.
13
             Α.
                     Yes.
                     Do you recall Mr. Raff making a report
14
             Ο.
     of comments made by the attorney general on the
15
16
     radio?
17
                     Was that Friday or was that Monday?
             Α.
     That's Monday?
18
                     That was May the 6th, which would have
19
             Q.
20
     been Friday.
21
                     Friday, yes, I recall that.
             Α.
22
             Q.
                     Okay. Tell me what you recall of
23
     that --
24
                     During the hearing, you mean?
             Α.
                     Yes, sir.
25
             Q.
```

Okay. Mr. Raff made a -- made some 1 Α. comments about being concerned about some 2 3 improprieties in the -- in this proceeding. he -- he asked -- if I remember correctly, he asked 4 it to be discussed. And the chairman agreed and went 5 around and asked everyone in the room if they knew of 6 any -- or every counsel in the room if they knew of 7 any improprieties. And everyone said -- no one said 8 9 that they were aware of any improprieties. 10 Q. All right, sir. And you say he was Did he reference that he had been 11 concerned. 12 listening to the radio and heard an interview by the attorney general raising those kinds of issues? 13 It was either radio or TV, but yes. 14 Α. All right. And that was the predicate 15 0. 16 for his raising the issue? 17 Α. Yes. Okay. Fair enough. Okay. Do you 18 Q. recall anything else from the chain of events of May 19 20 the 6th? Other than getting on the stand again. 21 So I testified the second time to answer any 22 questions concerning the settlement agreement. 23 All right, sir. Were you the main 24 0. witness of LG&E --25

1 Α. No. 2 -- on the settlement agreement? Ο. Mike Beer basically gave a summary. 3 Α. He was not asked any questions. I was made available 4 to answer -- he was not asked any technical 5 questions. He just gave an overview of the -- of the 6 settlement that -- before the commission and on the 7 record. And then I was called to answer any 8 questions concerning the technical issues in the 9 10 settlement agreement. All right, sir. The next week, May 11 Ο. 12 the 12th, do you recall any events occurring on May 13 the 12th? 14 Α. No. Were you present on May the 12th? 15 Ο. 16 Oh, yes. Yes, I was. Α. 17 What was the purpose of the hearing on 0. 18 May the 12th; do you recall? 19 Α. Was it a hearing? It was just a staff conference, I thought. There was a subsequent staff 20 conference to resolve one more issue, and --21 22 Well, who attended, the same parties? Ο. A little different set because from 23 Α. LG&E there was a technical issue that had to be 24 25 discussed concerning interruptible credits.

1 Q. All right, sir. And it was an issue that was -- the 2 KIUC and NAS were on one side, and the attorney 3 general was on the other side. And there was a 4 conference, not a hearing, to discuss the merits of 5 the issue on the interruptible credit. 6 7 attended was Kendrick, me, Kent Blake, Robert Conroy 8 and -- who was a technical person on that issue. I can't remember if John McCall was there or not. 9 10 All right, sir. How long was the 0. meeting? 11 12 Probably an hour and a half or something like that. It was primarily -- we didn't 13 have much to say other than to answer technical 14 15 questions. Any person from the PSC staff present? 16 0. 17 Α. Yes. 18 Same group? Q. 19 Essentially the same group. Α. 20 have been -- I remember Jeff Shaw being there. Isaac 21 Scott may have not been there, but Jeff Shaw was 22 definitely there. 23 Ο. Tell me what you -- what your perception of the role of the PSC staff was for the 24 25 week beginning May the 3rd. Had their role changed

```
any from the way you had previously described, their
 1
 2
     participation?
 3
              Α.
                     Essentially the same.
 4
              0.
                     Okay. Do I take it they were not
 5
     participating in any active negotiation, but there
 6
     mostly as a resource to facilitate conversation?
 7
              Α.
                     Yes.
 8
              Ο.
                     Fair enough. And again, the same
 9
     group, Mr. Raff, Mr. Scott, Mr. Shaw?
10
                     And there were some other ones that
              Α.
11
     were coming in and out. Mr. Sharifi may have been in
12
     there at some point, but it was -- that was the core.
13
              Q.
                     Okay. Did you have an understanding
14
     that his issues were depreciation issues?
15
             Α.
                     Whose?
16
                    Mr. Sharifi.
             Ο.
17
             Α.
                    Yes.
18
                     Do you have a recollection, I take it
             Q.
19
     then, he was in to talk about depreciation issues?
20
             Α.
                     Yes.
21
             Q.
                    Okay. Fair enough. Do you remember
22
     anybody else besides Mr. Scott, Mr. Shaw, Mr. Raff
23
     and Mr. Sharifi?
24
             Α.
                    There was a young woman -- I can't
25
     recall her name -- that was in and out.
```

Q. Fair enough. Now, between the time of the -- the hearings began -- and I'm going back to the informal conference, April 28, 2004, to the decision rendering by the Public Service Commission on -- in mid June of 2004, did you have any contact with the PSC staff other than in the negotiation sessions?

Α. Yes, one.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Q. All right, sir. Tell me about that.

Α. Okay. There was an inquiry. we had the settlement agreement. Then the company, I believe, in the settlement agreement agreed to submit tariff sheets to implement what was in the settlement agreement, okay, which the company did. And the staff had a question concerning the -- it's a very technical question concerning the determination of billing demand for LCI-TOD rate and the language that was in the determination of the 15-minute -- there was an average between a 15-minute and a 5-minute demand, and whether the language that we adopted fully incorporated --

> 0. This is the tariff language?

The tariff language. Α.

All right. Q.

Α. And we --

1 Q. When do you recall that? 2 Α. Probably three weeks after. Ιt was after the company had sent all the parties tariff 3 4 sheets, so ... Okay. And when would that have been? 5 Ο. Would it have been prior to a ruling by --6 7 Oh, yeah. It would have been long before the ruling of the commission. Like I said, it 8 was just a technical implementation issue. It was 9 10 not anything to the merits of the revenue requirement or anything like that. 1.1 All right, sir. Was that a phone 12 Q. 13 call? That was a call that was made first 14 Α. from Richard Raff to the attorney for the company. 15 And I think it was again -- this one was Kendrick --16 made it through Kendrick, I believe, and not Allyson, 17 but -- although it could have been Allyson. And then 18 they either patched me in or scheduled a time when I 19 20 could be in on the phone call. So that I understand this, this was an 21 issue to try to understand some document --22 documentation on tariff that had been submitted by 23 24 LG&E? Yes, in compliance, if you will, with 25 Α.

the settlement agreement. 1 All right. And the settlement 2 ο. agreement had not yet been approved, correct? 3 No, it had not been approved. Α. 4 Do you recall information being sent 5 Q. to all the parties as a result of that conversation? 6 Yes. It would have -- I believe we 7 Α. ended up modifying the tariff sheet and sending them 8 out again with corrected language. 9 Okay. And was it sent to everyone? 10 0. 1.1 Ά. Yes. Fair enough. Other than that contact, 12 0. was there any contact between you and any member of 13 the staff from April 28, 2004 until the ruling was 14 issued in June of 2004? 15 Α. None. 16 Let me ask you the same question with 17 Q. regard to communication with Public Service 18 Commission members. Between April 28th, 2004, and 19 the actual issuance of ruling from mid June 2004, did 20 you have any contact with any Public Service 21 Commission member? 22 No. 23 Α. In my prior question to you 24 Q. Okay. about staff, I was also including Mr. Dorman and 25

```
Ms. Beth O'Donnell. Did you have any communication
 1
 2
     with them?
 3
             Α.
                    No.
                    Okay. While the term "collusion" is
 4
             Q.
 5
     very subjective -- and we all can form our personal
     definitions of it -- throughout this whole hearing
 6
     process -- and let's start with notice of filing back
 7
     in November of 2003, through ruling by the
 8
     commissioners in June of 2004, did you ever see
 9
     anything that you personally thought was collusive or
10
11
     inappropriate behavior?
12
             Α.
                    No.
                    MR. GOLDBERG: Fair enough. That's
13
     all I have.
                  Thanks much.
14
                    THE WITNESS: Okay. Thank you.
15
16
                     (STATEMENT CONCLUDED AT 11:05 A.M.)
17
18
19
20
21
22
23
24
25
```

1	STATE OF KENTUCKY)()(SS:
2	COUNTY OF JEFFERSON) (
3	
4	I, ELLEN L. COULTER, Notary Public,
5	State of Kentucky at Large, hereby certify that the foregoing sworn statement was taken at the time and
6	place stated in the caption; that the appearances were as set forth in the caption; that prior to
7	giving testimony the witness was first duly sworn by me; that said testimony was taken down by me in
8	stenographic notes and thereafter reduced under my supervision to the foregoing typewritten pages and that said typewritten transcript is a true, accurate
9	and complete record of my stenographic notes so taken.
10	I further certify that I am not
11	related by blood or marriage to any of the parties hereto and that I have no interest in the outcome of captioned case.
12	My commission as Notary Public expires November 5, 2007.
13	Given under my hand this the
14	day of <u>August</u> , 2005, at Louisville,
15	Kentucky.
16	Mar Kl Var Attal
17	Lead Coulex
18	ELLEN L. COULTER NOTARY PUBLIC
19	
20	
21	
22	
2 3	
2 4	
25	

1.	I, the undersigned, STEVEN SEELYE, do
2	hereby certify that I have read the foregoing sworn
3	statement, and that, to the best of my knowledge,
4	said sworn statement is true and accurate, with the
5	exception of the corrections, if any, listed on the
6	errata sheet.
7	hu V
8	
9	STEVEN SEELYE
10	
11	Subscribed and sworn to before me this 29
12	day of <u>aug.</u> , 2005.
13	
14	
15	
16	NOTARY PUBLIC
17	
18	
19	My commission expires 12.2.06
20	
21	
22	
23	
24	
25	

COULTER REPORTING, LLC 101 EAST KENTUCKY STREET, SUITE 200 LOUISVILLE, KY 40203

ERRATA SHEET

NAME Steven Seelye DATE OF DEPOSITION July 29, 2005
After having read my deposition, I wish to make the following changes: None
Page Line
Change Change
Reason for change
Page Line Change
Reason for change
Reason for change
Page Line Change
Reason for change
ROBBOT FOR THE STATE OF THE STA
Page Line
Change
Reason for change
Page Line
Change
Reason for change
Page Line
Change Reason for change
Reason for change
Page Line
Change Chie
Reason for change
10000110.
Page Line
Change
Reason for change
Page Line
Change
Reason for change

--[**1**] 33/18 announcement [2] 37/16 39/19 basically [4] 19/9 20/13 34/6 50/3 be [18] 7/17 8/9 9/21 22/6 27/19 28/19 another [4] 16/8 25/7 35/20 42/23 I[1] 37/7 answer [5] 23/5 49/22 50/5 50/8 51/14 29/5 29/10 30/5 30/23 31/17 32/13 34/24 LLC [3] 4/1 6/21 6/24 41/8 47/1 49/5 50/24 54/20 answer -- [1] 50/5 any [43] 6/17 8/20 11/23 12/2 13/1 14/2 bear [1] 22/4 14/2 15/16 15/19 15/19 16/3 16/25 17/14 because [26] 6/24 17/24 20/13 22/3 31/6 -- [186] 32/2 32/19 33/2 33/9 33/13 33/14 33/15 20/23 23/10 26/24 27/3 28/1 28/8 28/12 34/11 34/15 34/18 36/16 40/2 40/13 40/19 29/13 41/11 42/25 43/19 46/21 49/7 49/8 a -- [4] 20/7 22/19 39/1 49/1 49/9 49/22 50/4 50/5 50/8 50/12 51/16 40/25 41/5 42/19 44/2 46/7 46/21 50/23 a.m [2] 3/6 56/17 Because -- [1] 44/2 52/1 52/5 53/5 55/13 55/13 55/21 55/21 **AARON [1]** 2/4 56/1 57/10 because at [1] 33/9 about [30] 10/7 10/13 10/20 11/3 11/10 becoming [1] 4/16 any -- [1] 49/7 11/18 11/19 11/24 12/12 13/2 18/2 32/4 been [39] 4/1 4/25 6/23 11/14 11/15 anybody [2] 28/25 52/22 32/8 32/9 36/13 36/16 36/21 40/18 41/5 anything [10] 9/8 18/1 25/10 30/13 43/4 15/1 15/4 15/11 17/9 17/15 17/21 22/5 41/11 42/5 43/4 44/17 45/17 46/25 49/2 22/12 24/7 31/15 33/11 35/3 35/4 36/17 46/25 49/19 54/10 54/11 56/10 49/2 52/19 53/9 55/25 38/1 38/9 41/6 41/17 41/22 45/7 45/8 appearance [1] 5/5 45/25 48/20 49/11 51/20 51/21 52/11 54/5 Absolutely [1] 28/18 appearances [1] 57/5 54/6 54/7 54/18 54/23 55/3 55/4 accurate [1] 57/8 appeared [2] 5/9 5/12 approaching [1] 22/18 active [1] 52/5 been -- [1] 51/20 actual [2] 6/10 55/20 approved [2] 55/3 55/4 Beer [1] 50/3 actually [4] 38/22 39/4 44/19 45/12 approximately [4] 3/6 6/3 26/11 26/13 before [13] 5/9 5/10 5/12 6/19 7/17 7/21 addition [1] 6/25 April [22] 13/7 15/17 16/10 19/11 19/13 12/7 12/10 32/15 46/17 47/3 50/7 54/8 address [2] 3/13 3/14 19/13 20/21 20/24 21/7 21/24 22/12 23/9 began [6] 6/3 6/12 8/24 17/24 34/23 address -- [1] 3/14 26/17 28/15 37/17 38/14 38/22 39/4 39/10 53/2 ADJUSTMENT [2] 1/5 1/10 53/3 55/14 55/19 began -- [1] 53/2 begin [3] 33/5 34/13 42/10 adopted [1] 53/20 are [9] 4/5 7/1 8/13 8/16 9/22 17/16 36/8 advanced [1] 21/9 41/7 46/20 beginning [2] 31/17 51/25 behalf [1] 5/10 advancing [1] 21/12 area [1] 42/7 advised [1] 22/5 arguing [3] 27/11 27/20 27/20 behavior [1] 56/11 Aegon [1] 2/10 around [3] 38/1 45/22 49/6 behind [1] 19/21 after [7] 13/4 14/15 35/10 39/12 39/19 being [16] 16/18 16/21 17/2 17/15 24/5 arrangement [1] 39/3 54/2 54/3 arrangements [1] 38/14 28/8 30/25 33/19 39/24 43/19 44/5 46/20 afternoon [9] 24/3 24/10 24/24 34/23 47/13 49/2 51/20 55/5 arrived [1] 29/2 36/21 36/25 36/25 41/23 46/18 belief [2] 25/16 26/15 arrives [1] 36/5 afternoon -- [1] 36/25 as [42] 4/1 5/6 7/23 9/10 11/24 12/3 12/4 believe [33] 4/23 16/7 18/18 19/6 23/25 afterwards [1] 30/17 12/6 13/6 13/23 13/23 14/3 14/9 16/8 20/6 25/23 25/25 26/20 28/16 28/19 29/11 30/7 **AG [10]** 21/11 21/18 24/4 25/6 25/21 31/2 31/8 31/12 31/14 32/22 36/13 36/16 20/8 20/10 20/16 21/16 21/23 22/2 22/5 26/1 26/2 34/15 40/4 40/19 22/5 22/11 26/9 26/23 27/17 28/6 28/14 37/6 37/25 38/16 40/22 42/20 44/16 45/5 **AG -- [1]** 26/2 45/5 45/24 47/6 48/7 53/12 54/17 55/7 29/8 29/8 30/9 30/23 32/6 32/6 32/23 33/1 **AG's [1]** 25/9 33/1 52/6 55/6 57/6 57/12 **believe -- [1]** 45/5 again [8] 6/2 20/22 24/23 38/24 49/21 ask [5] 10/4 12/15 12/22 37/13 55/17 bellsouth.net [1] 1/24 52/8 54/16 55/9 asked [7] 8/25 9/5 49/4 49/4 49/6 50/4 besides [1] 52/22 best [2] 26/9 30/9 Beth [1] 56/1 again -- [1] 54/16 50/5 against [2] 26/24 27/20 asked -- [1] 49/4 agenda [2] 35/17 36/11 asking [1] 37/9 Betsy [3] 23/16 33/9 41/21 ago [2] 4/3 4/24 assist [3] 7/2 7/6 7/8 between [12] 8/17 15/16 38/20 39/2 agree [3] 20/11 22/1 35/12 assumed [1] 27/2 39/11 42/24 43/8 44/20 53/1 53/19 55/13 agreed [7] 21/8 21/13 22/13 24/2 34/15 assumption [3] 40/20 40/25 44/24 55/19 big [1] 29/17 49/5 53/12 at [68] agreement [27] 21/1 21/2 21/10 21/15 billing [1] 53/17 at -- [1] 37/6 22/19 23/3 28/16 28/19 28/22 29/21 32/11 bit [4] 5/18 17/20 20/8 35/1 attend [5] 16/12 25/7 34/10 40/24 46/21 38/13 39/10 45/23 47/7 47/8 47/13 47/17 attended [3] 38/5 50/22 51/7 Blackford [8] 17/10 19/4 23/16 25/6 33/9 47/25 49/23 50/2 50/10 53/11 53/12 53/14 attorney [43] 14/8 14/9 14/11 14/11 36/21 37/15 39/8 55/1 55/3 14/13 14/13 19/3 20/14 21/15 21/20 24/19 Blake [5] 4/7 24/13 24/25 31/11 51/7 agreement -- [2] 21/2 21/10 blood [1] 57/10 25/11 25/17 25/22 26/2 26/4 26/10 26/16 all [94] 28/15 32/23 33/10 33/25 35/16 35/24 board [1] 40/21 allocate [1] 7/12 Bob [2] 12/23 31/13 36/22 37/16 38/4 41/20 42/16 42/23 43/9 Allyson [4] 15/8 31/14 54/17 54/18 43/12 43/19 44/6 44/20 44/21 46/11 47/18 **Boehm [6]** 17/5 17/6 24/15 25/4 34/3 almost [2] 38/18 46/22 47/25 48/15 49/13 51/3 54/15 39/11 along [3] 27/2 33/1 41/18 attorneys [4] 15/9 19/1 19/4 31/12 **boil [1]** 22/6 already [1] 41/6 authority [2] 21/23 26/15 both [4] 23/3 23/24 27/22 41/20 also [11] 6/18 7/8 7/14 13/22 17/4 23/9 both -- [1] 23/24 available [1] 50/4 32/21 46/12 46/17 46/20 55/25 average [1] 53/19 bought [1] 21/12 also -- [1] 13/22 aware [1] 49/9 break [1] 38/1 although [1] 54/18 away [1] 26/24 bring [2] 29/7 29/19 always [1] 43/14 broader [1] 31/6 am [4] 25/15 41/23 46/16 57/10 brought [3] 29/11 31/7 33/2 American [6] 8/14 8/17 9/9 9/15 29/15 back [17] 8/25 9/18 20/7 33/14 34/9 Brown [3] 2/9 18/2 32/24 34/18 34/18 34/25 39/17 40/7 40/10 40/14 building [1] 42/17 and -- [9] 8/21 14/11 17/10 24/10 24/25 business [4] 21/4 21/24 22/11 47/23 41/7 46/22 48/9 53/2 56/7 34/17 41/9 50/21 51/8 background [1] 4/9 but [49] 5/20 8/21 14/21 15/25 16/8 Andrea [1] 11/5

19/16 30/11 37/18 48/4 50/7 53/4 54/8 D B 55/19 55/22 57/12 but... [44] 16/21 17/12 17/15 17/25 18/5 Commissioner [3] 12/9 12/16 12/23 dangerous [1] 22/4 data [11] 13/10 13/11 13/15 14/6 14/8 19/3 20/3 21/11 22/6 24/1 24/7 24/23 26/7 commissioners [5] 12/3 13/1 15/20 14/9 14/16 14/22 14/24 14/25 15/5 26/20 27/19 30/22 31/8 31/12 31/18 32/7 15/23 56/9 32/25 33/7 33/16 34/4 34/8 34/14 34/17 date [3] 12/4 16/11 29/7 communication [2] 55/18 56/1 date -- [1] 12/4 company [17] 1/6 1/11 4/20 6/15 7/11 34/21 37/13 38/9 38/12 39/17 40/23 41/3 DAVID [6] 2/9 15/24 18/2 24/15 25/4 8/14 8/25 19/7 20/14 21/9 21/13 23/15 41/4 42/1 44/18 45/1 47/3 49/14 51/21 44/7 53/11 53/14 54/3 54/15 52/5 52/12 54/18 day [38] 3/5 18/11 18/18 18/20 18/21 but -- [1] 54/18 company -- [1] 44/7 19/6 20/21 21/4 21/13 22/20 23/9 23/10 by -- [1] 54/6 company's [1] 16/8 23/12 28/10 29/24 30/4 31/6 31/16 31/16 complete [1] 57/9 31/23 32/2 32/2 32/5 34/9 35/25 37/1 38/6 complex [2] 22/5 46/7 39/2 39/12 40/7 42/16 42/18 42/21 45/25 call [25] 5/5 14/12 15/7 15/12 15/15 compliance [1] 54/25 46/13 46/17 47/4 57/14 23/14 23/18 23/19 23/21 23/23 24/6 33/10 component [3] 22/24 22/25 22/25 33/11 33/17 33/21 33/24 34/4 36/22 36/24 concerned [2] 49/2 49/11 day's [1] 38/20 days [9] 17/13 17/14 18/5 18/12 19/10 37/8 37/20 41/7 54/13 54/14 54/20 concerning [7] 13/24 14/6 49/23 50/9 19/25 23/7 33/8 33/18 called [6] 17/22 30/11 34/11 34/18 41/5 50/25 53/15 53/16 days -- [1] 17/14 50/8 **CONCLUDED** [1] 56/17 dealing [2] 8/19 43/25 calls [1] 14/8 concurrently [1] 34/20 came [11] 13/18 34/9 37/14 38/11 38/22 dealt [1] 30/23 **CONDITIONS** [2] 1/6 1/11 39/4 40/7 42/19 44/25 46/23 47/6 conference [18] 13/5 13/6 14/12 15/7 December [1] 6/11 decided [1] 6/15 15/17 16/11 16/12 16/17 16/19 18/8 30/13 cameras [1] 42/20 can [10] 14/10 14/19 14/21 17/20 17/23 30/16 30/20 35/4 50/20 50/21 51/5 53/3 decision [1] 53/4 declined [1] 26/25 22/1 22/2 34/3 35/1 56/5 conference -- [1] 13/5 can't [17] 11/15 12/24 14/20 17/14 18/6 Defense [1] 29/17 conferences [1] 11/16 defined [3] 14/3 19/24 20/10 18/17 20/2 25/8 25/11 32/1 33/3 33/12 connected [1] 28/8 **definitely [3]** 25/20 42/3 51/22 34/4 40/6 45/10 51/9 52/24 Conroy [1] 51/7 definitions [1] 56/6 can't -- [1] 20/2 consolidated [2] 9/10 9/13 degree [1] 4/10 demand [2] 53/17 53/20 cancel [1] 34/1 consultant [4] 3/19 4/16 5/1 5/7 cannot [3] 17/14 41/23 41/25 capital [3] 27/7 27/7 27/8 consulting [3] 3/20 3/21 7/23 **Dennis [10]** 19/4 23/15 23/25 25/6 25/12 contact [10] 14/2 14/4 14/5 15/16 15/19 caption [2] 57/5 57/6 16/3 53/5 55/12 55/13 55/21 26/3 26/3 27/19 41/20 44/25 captioned [1] 57/11 **Department [1]** 29/17 contacted [1] 14/11 depreciation [3] 3/22 52/14 52/19 care [1] 36/17 context [1] 16/9 Derby [1] 29/24 case [19] 1/5 1/10 6/4 6/13 6/16 6/17 contingent [1] 19/23 described [2] 5/1 52/1 6/20 7/2 9/1 9/2 9/3 9/4 15/10 18/14 continue [4] 34/13 34/14 34/16 46/6 describing [1] 24/22 18/16 31/2 32/16 32/22 57/11 continue -- [1] 34/14 design [15] 7/15 22/8 22/12 22/14 28/23 cases [18] 5/5 5/13 5/14 5/24 6/1 7/4 continued [6] 30/21 39/13 40/2 42/13 29/9 29/22 36/14 36/16 41/10 42/5 42/7 10/8 10/14 10/20 11/3 11/10 11/18 11/19 45/19 46/9 42/9 46/6 46/9 11/24 12/13 13/2 13/8 22/6 contrary [1] 27/15 controversy [2] 8/17 8/20 determination [2] 53/16 53/18 cases -- [2] 6/1 11/18 Center [1] 2/10 conversation [4] 14/17 35/15 52/6 55/6 develop [2] 7/15 13/20 developed [2] 13/19 14/15 certain [2] 32/9 38/18 core [1] 52/12 did [60] certainly [4] 20/1 26/1 26/22 31/15 Cornett [2] 31/13 47/11 certify [2] 57/4 57/10 correct [9] 12/1 13/3 22/20 23/1 38/15 did -- [1] 33/4 didn't [12] 11/22 14/6 17/18 27/3 31/17 cetera [1] 32/13 39/5 41/24 46/16 55/3 33/1 33/7 33/14 34/10 42/10 44/19 51/13 chain [2] 37/10 49/19 corrected [1] 55/9 different [1] 50/23 chairman [2] 15/24 49/5 correctly [8] 18/13 18/20 25/5 25/16 differentiated [1] 23/4 changed [1] 51/25 25/25 32/25 47/12 49/4 direct [4] 9/7 13/18 13/21 33/18 correctly -- [1] 32/25 charged [1] 29/1 directed [1] 33/11 check [1] 21/18 cost [2] 3/21 7/12 directly [1] 44/20 checking [1] 37/23 cost-of-service [1] 7/11 disclosed [1] 35/17 could [13] 3/11 5/17 5/17 6/6 24/8 25/7 City [2] 2/5 3/4 discuss [3] 32/23 39/13 51/5 clarify [1] 14/23 34/24 38/9 40/8 43/24 45/25 54/18 54/20 classes [2] 7/12 7/14 Could -- [1] 5/17 discussed [4] 24/5 25/23 49/5 50/25 discussion [22] 18/13 18/18 20/3 20/5 clear [2] 25/21 35/22 COULTER [4] 1/21 1/21 57/4 57/18 23/17 24/1 29/6 29/10 32/8 32/9 32/12 clearance [2] 26/2 26/3 CoulterLLC [1] 1/24 close [7] 20/21 20/24 21/4 21/23 22/11 counsel [2] 2/2 49/7 32/15 32/17 40/3 41/10 41/11 42/23 43/1 43/4 43/8 43/11 46/9 44/9 47/23 counteroffer [2] 19/8 43/13 discussions [16] 13/24 13/25 18/5 20/9 closing [1] 23/3 counterproposing [1] 26/5 23/10 23/13 30/6 30/9 30/16 30/19 30/21 college [2] 4/22 4/24 country [2] 3/24 20/17 COUNTY [1] 57/2 31/1 32/21 40/23 41/17 42/4 college -- [1] 4/22 colloquy [1] 39/10 discussions -- [1] 32/21 couple [2] 19/9 26/6 collusion [1] 56/4 do [58] courtroom [1] 48/10 document [5] 29/1 47/9 47/12 48/3 collusive [1] 56/10 credit [1] 51/6 come [5] 33/14 34/18 39/17 40/9 47/8 credits [1] 50/25 comes [2] 31/13 31/14 document -- [1] 54/22 Crestwood [1] 3/15 documentation [1] 54/23 coming [4] 13/23 13/25 42/16 52/11 crew [1] 18/8 documented [1] 47/24 comments [2] 48/15 49/2 cross-examination [1] 41/4 commission [22] 1/1 2/3 5/10 5/13 7/17 documents [1] 7/8 9/23 11/24 13/12 13/13 14/3 14/22 14/23

example [1] 29/13 getting [2] 47/2 49/21 except [1] 46/23 **Gillis [1]** 12/16 excuse [1] 13/17 Does [1] 30/12 give [2] 45/12 45/15 given [4] 44/5 46/17 46/20 57/13 doing [5] 4/1 6/3 6/13 18/24 19/1 expires [1] 57/12 giving [2] 46/12 57/6 don't [20] 14/7 17/2 17/25 20/2 23/16 extent [1] 14/16 go [5] 9/18 24/8 24/23 33/16 34/14 23/16 24/5 24/14 25/4 25/6 25/9 28/12 29/3 35/19 37/4 37/7 39/23 43/3 43/22 goes [1] 6/25 facilitate [1] 52/6 going [19] 6/16 15/13 29/4 29/19 32/13 44/17 don't -- [1] 23/16 fair [22] 5/22 8/4 9/14 12/25 16/10 18/7 33/16 34/5 34/13 34/20 38/21 39/3 39/9 20/19 21/14 22/9 23/6 37/21 38/3 39/7 done [2] 7/20 8/1 40/21 40/22 41/1 46/5 47/7 47/25 53/2 42/1 43/3 43/23 49/18 52/8 52/21 53/1 GOLDBERG [4] 2/4 2/5 3/3 3/10 Dorman [2] 11/13 55/25 Dot [1] 31/14 55/12 56/13 gone [1] 40/9 down [2] 22/7 57/7 fairly [1] 44/9 Goss [1] 15/24 got [7] 20/8 26/2 33/9 33/24 34/8 41/8 drafting [1] 29/1 fall [1] 8/6 drift [1] 40/13 familiar [3] 8/13 8/16 9/22 46/14 driven [1] 18/23 far [1] 32/6 gotten [1] 26/3 Faud [1] 10/25 drove [2] 24/10 41/8 graduate [1] 4/12 duly [1] 57/6 FAX [1] 1/24 graduated [2] 4/22 4/23 during [8] 6/4 6/13 14/1 15/25 16/9 18/4 fellow [2] 25/8 25/10 Greg [2] 31/13 47/11 group [9] 4/1 6/21 6/24 6/25 17/22 31/9 fellow -- [1] 25/8 24/6 48/24 felt [1] 22/18 51/18 51/19 52/9 few [1] 24/7 groups [1] 29/15 E -- [1] 49/25 Fifth [2] 2/6 3/4 quess [3] 31/20 33/4 45/7 file [4] 6/16 6/17 6/20 14/25 **E's [5]** 14/11 14/13 15/8 24/24 40/25 filed [3] 6/6 6/10 8/9 E-MAIL [1] 1/24 had [48] 5/6 5/9 5/12 6/15 7/20 8/1 9/4 earlier [1] 27/15 filing [21] 6/5 6/7 7/7 7/8 9/19 10/8 early [6] 20/12 32/9 32/11 33/2 36/20 14/4 14/5 15/23 20/3 21/8 21/11 21/13 10/14 10/20 10/22 11/3 11/11 11/20 11/25 22/12 24/1 24/4 25/22 25/23 26/2 26/3 36/25 12/4 12/12 12/21 13/2 13/4 13/9 15/16 earnings [2] 32/10 32/14 56/7 26/3 26/14 26/15 26/18 26/21 27/2 28/16 30/23 32/10 32/22 34/15 36/17 41/17 East [1] 1/22 filing -- [1] 10/20 43/12 44/7 44/21 45/23 49/11 50/24 51/25 economic [1] 3/23 final [1] 47/13 educational [1] 4/8 fine-tuning [1] 32/18 52/1 53/11 53/15 54/3 54/23 55/3 55/4 hadn't [1] 6/15 Edwards [1] 11/5 firm [2] 25/25 26/4 either [7] 27/19 29/12 30/16 36/24 45/22 first [18] 5/23 5/25 13/5 13/10 16/18 hadn't -- [1] 6/15 49/14 54/19 18/17 18/21 19/9 20/8 23/7 35/16 35/21 half [2] 27/25 51/12 elaborate [1] 5/17 36/11 38/20 40/25 41/2 54/14 57/6 hand [1] 57/13 electric [8] 1/5 1/6 1/10 3/23 4/19 23/3 fleeting [1] 43/14 happen [1] 29/19 46/6 47/19 focus [1] 43/16 happened [4] 14/10 23/7 42/12 48/7 hard [2] 26/24 27/11 follow-up [1] 14/25 electrical [1] 22/25 electricity [1] 22/25 following [2] 29/6 30/4 has [4] 14/23 17/21 22/24 34/1 ELLEN [4] 1/21 16/5 57/4 57/18 for -- [1] 27/11 hash [1] 46/10 else [3] 46/25 49/19 52/22 foregoing [2] 57/5 57/8 hashing [1] 20/14 end [8] 14/13 14/14 21/7 21/7 21/13 form [1] 56/5 have [72] 22/19 37/11 45/24 forth [1] 57/6 have -- [2] 4/14 55/7 having [1] 23/24 end -- [1] 21/7 forward [3] 34/19 34/20 40/21 he [45] 17/12 17/12 17/13 18/3 18/4 18/5 ended [1] 55/8 four [1] 24/23 25/10 25/12 25/13 25/23 26/2 26/18 26/21 engineering [1] 4/12 frame [1] 14/18 enough [21] 5/22 8/4 9/14 12/25 16/10 26/22 27/10 27/15 28/10 32/1 32/3 37/6 Frankfort [1] 24/17 18/7 20/19 21/14 23/6 37/21 38/3 39/7 Friday [15] 3/5 25/22 25/24 26/16 26/18 37/6 37/25 37/25 38/1 38/11 38/13 38/21 42/1 43/3 43/23 49/18 52/8 52/21 53/1 38/22 39/3 39/4 39/9 39/23 42/19 42/21 26/19 26/20 28/15 29/10 35/12 38/14 48/7 42/24 49/4 49/4 49/10 49/11 49/11 55/12 56/13 48/17 48/20 48/21 entire [1] 46/23 front [2] 45/2 45/3 50/4 50/5 50/6 52/19 he -- [2] 37/25 49/4 Frost [1] 2/9 ESM [1] 35/20 essentially [10] 14/21 18/10 18/12 18/16 heard [5] 20/10 37/10 44/17 44/21 49/12 full [1] 43/1 fully [1] 53/21 22/8 31/5 39/2 47/6 51/19 52/3 hearing [27] 13/23 15/25 16/8 16/9 essentially -- [1] 31/5 further [2] 42/6 57/10 19/21 19/22 30/11 30/25 33/4 33/4 33/15 estimation [1] 45/8 future [1] 26/7 33/15 34/12 34/12 34/15 34/20 34/22 estimation -- [1] 45/8 fuzzy [3] 16/20 32/6 34/24 40/22 40/24 42/19 46/22 48/12 48/24 et [1] 32/13 50/17 50/19 51/5 56/6 et cetera [1] 32/13 hearing -- [1] 33/4 euphemistically [1] 17/21 Gary [1] 12/16 hearings [2] 16/7 53/2 gas [9] 1/5 1/6 3/24 4/19 22/24 23/3 27/4 even [4] 12/24 20/12 20/15 34/15 help [2] 6/6 13/17 event [1] 29/13 46/1 46/5 help -- [1] 13/17 events [8] 32/7 37/11 40/18 45/18 46/24 gave [4] 39/10 41/3 50/3 50/6 helped [2] 13/19 13/22 general [33] 2/2 19/3 20/14 21/6 21/15 47/5 49/19 50/12 helps [1] 6/12 eventually [2] 24/1 34/9 21/20 24/19 25/18 25/22 26/3 26/4 26/10 her [7] 11/10 16/6 36/21 37/2 39/11 ever [6] 11/17 11/18 12/12 15/24 43/7 26/16 33/25 35/25 36/22 37/16 38/4 41/20 39/19 52/25 42/16 42/24 43/9 43/12 43/19 44/7 44/20 here [1] 41/8 56/9 every [3] 20/2 31/2 49/7 44/21 46/11 47/19 47/25 48/15 49/13 51/4 hereby [1] 57/4 everyone [3] 49/6 49/8 55/10 general's [4] 25/11 28/15 33/10 35/16 hereto [1] 57/11 get [1] 43/15 everything [1] 29/21 Highway [1] 3/15 EXAMINATION [1] 3/8 gets [1] 32/6

22/7 22/8 22/9 22/20 22/20 23/5 23/9 26/1 let [10] 8/25 10/4 12/15 12/22 14/23 H 29/17 29/19 31/20 34/6 37/10 37/14 38/12 15/22 17/19 22/1 37/13 55/17 him [16] 11/2 11/14 11/15 11/16 11/18 39/5 42/15 42/18 42/22 43/14 43/18 44/13 |let's [4] 9/18 34/25 43/16 56/7 11/19 12/12 12/17 12/20 12/24 15/24 16/3 45/4 46/19 46/20 47/21 53/22 56/4 57/8 level [2] 7/10 46/5 16/3 25/9 28/12 39/24 Isaac [5] 10/11 10/13 15/11 16/23 51/20 LG [20] 4/24 5/6 5/10 5/20 8/2 8/3 14/11 his [7] 25/8 25/11 28/7 34/6 37/18 49/16 issuance [1] 55/20 14/13 15/8 21/16 23/20 24/24 25/17 31/4 issue [17] 27/4 27/5 27/6 27/19 32/3 31/11 31/21 40/25 49/25 50/24 54/24 honor [4] 37/17 38/21 39/3 39/9 32/8 32/10 32/22 47/22 49/16 50/21 50/24 like [9] 27/10 32/19 34/23 38/2 40/13 hour [2] 27/25 51/12 51/2 51/6 51/8 54/9 54/22 44/25 51/13 54/8 54/11 hours [1] 4/11 issue-by-issue [2] 18/22 19/5 listening [1] 49/12 how [13] 3/25 4/21 8/8 8/10 15/12 18/2 issued [1] 55/15 little [9] 4/2 5/17 16/20 17/20 20/8 32/6 22/8 26/1 27/23 32/12 32/13 40/5 51/10 issues [32] 8/20 18/14 18/16 18/19 20/15 34/24 35/1 50/23 Howard [14] 17/11 19/4 23/15 25/6 20/20 20/24 21/7 22/5 22/6 22/12 22/19 LLC [6] 1/21 2/9 4/1 4/5 6/21 6/24 25/13 26/15 27/13 27/20 37/2 37/5 37/14 26/6 26/8 27/20 27/22 29/22 30/22 32/16 long [11] 3/25 4/21 8/8 8/10 15/12 27/23 37/15 39/23 44/25 32/19 32/25 33/2 39/13 43/25 46/6 47/13 32/9 34/2 40/5 51/10 54/7 However [1] 6/14 47/15 49/13 50/9 52/14 52/14 52/19 longer [1] 38/13 Huelsman [2] 12/9 12/10 issues -- [1] 22/5 look [1] 3/14 it [131] lot [7] 6/18 22/3 22/12 32/20 33/2 46/7 it -- [3] 20/13 45/10 56/6 **I -- [2]** 12/20 16/21 it's [5] 14/7 16/20 30/11 40/8 53/15 **LOUISVILLE [7]** 1/6 1/23 2/6 2/11 3/5 I'd [1] 41/5 item [2] 35/16 36/11 4/19 57/14 I'll [1] 24/23 items [1] 7/18 low [2] 17/22 29/15 **I'm [13]** 3/19 13/6 15/13 22/2 22/3 27/6 М 36/9 37/9 38/18 38/24 43/15 45/9 53/2 I've [6] 11/14 11/15 12/6 22/3 33/10 **Jeff [5]** 10/17 10/19 16/24 51/20 51/21 made [22] 18/22 19/8 24/9 25/4 36/21 37/10 **JEFFERSON [1]** 57/2 37/8 37/16 38/14 43/12 44/7 44/16 44/18 if [41] 5/4 5/17 6/6 10/4 14/7 16/16 jogged [1] 37/24 44/22 45/2 45/3 45/5 48/15 49/1 49/1 50/4 17/17 17/20 18/13 18/17 18/19 19/8 20/2 John [4] 24/12 24/25 31/11 51/9 54/14 54/17 22/1 24/7 25/5 25/24 26/19 26/23 27/16 main [2] 19/22 49/24 major [3] 13/10 22/5 22/6 **JONATHAN [1]** 2/4 28/8 31/16 31/19 32/1 32/16 32/24 33/3 JULY [2] 1/18 3/6 33/12 34/3 34/23 35/1 40/6 40/7 45/11 make [2] 26/16 29/20 June [4] 53/5 55/15 55/20 56/9 46/18 47/12 49/4 49/6 49/7 51/9 54/25 just [5] 5/20 37/23 50/6 50/19 54/9 making [2] 28/12 48/14 if -- [1] 33/3 many [1] 46/8 implement [1] 53/13 Mark [1] 15/24 implementation [1] 54/9 **KAPLAN [1]** 2/9 Market [1] 2/10 improprieties [3] 49/3 49/8 49/9 Kendrick [7] 23/22 24/13 24/25 31/10 marriage [1] 57/10 in [140] 51/7 54/16 54/17 Martha [1] 11/7 in -- [5] 12/10 16/17 23/25 27/16 40/14 Kendrick -- [1] 54/16 Martin [1] 4/7 inappropriate [1] 56/11 Kent [4] 24/13 24/25 31/11 51/7 Marty [1] 12/9 including [5] 16/23 41/19 46/10 47/8 KENTUCKY [12] 1/1 1/11 1/22 1/23 2/6 mathematics [1] 4/11 2/11 3/5 3/16 5/21 57/1 57/4 57/15 matter [2] 35/20 35/20 income [2] 17/22 29/15 kind [3] 7/21 8/1 27/6 matters [1] 5/1 incorporated [1] 53/21 kinds [1] 49/13 may [38] 17/15 22/6 24/6 30/4 30/6 incorporated -- [1] 53/21 **KIUC [17]** 17/4 18/25 19/1 20/14 21/11 31/15 32/5 33/6 35/3 35/18 36/5 36/12 increase [3] 7/10 7/14 46/5 21/15 23/15 23/25 24/3 24/14 25/3 25/18 38/1 39/17 41/22 45/4 45/5 45/12 45/15 indicate [1] 9/1 25/20 27/17 27/18 27/18 51/3 45/18 45/19 46/24 46/25 47/4 47/5 47/23 indicated [2] 26/19 26/21 knew [2] 49/6 49/7 48/9 48/10 48/19 49/19 50/11 50/12 50/15 indication [1] 43/11 know [16] 10/2 10/4 10/11 10/17 10/25 50/18 51/19 51/21 51/25 52/11 individuals [2] 10/2 31/7 11/5 11/7 11/13 11/15 12/2 12/6 12/8 12/8 maybe [5] 18/21 29/15 33/5 36/20 41/9 industrial [1] 4/12 12/17 43/4 44/19 McCall [8] 24/12 24/25 31/11 42/24 43/8 industrials [1] 18/24 Kroger [4] 18/2 29/14 32/21 32/24 43/20 44/21 51/9 industry [2] 3/20 4/15 Kroger -- [1] 32/2 informal [8] 13/5 13/5 15/17 16/11 16/12 KU [2] 8/17 21/16 Kroger -- [1] 32/24 me [46] 4/8 5/4 5/22 6/6 7/2 7/2 8/25 8/25 10/4 12/15 12/22 13/7 13/17 14/13 16/19 18/8 53/3 Kurtz [4] 17/7 17/8 24/16 25/4 14/23 15/8 15/22 16/18 17/19 18/10 19/24 information [1] 55/5 22/1 22/4 23/12 23/22 24/13 25/1 26/14 informed [1] 35/11 30/24 32/4 34/11 37/13 39/10 40/17 41/3 inquire [1] 14/9 language [5] 53/17 53/20 53/22 53/23 42/11 44/19 45/3 48/22 51/7 51/23 53/9 inquiry [1] 53/10 54/19 55/17 57/7 57/7 insomuch [1] 12/6 Large [1] 57/4 me -- [2] 8/25 24/13 largely [2] 24/7 47/10 intended [1] 25/22 mean [5] 6/24 21/9 30/13 37/25 48/24 last [5] 15/1 15/5 27/24 47/13 47/14 interest [1] 57/11 meaning [2] 14/9 35/7 interruptible [2] 50/25 51/6 late [5] 8/22 18/21 34/22 36/25 36/25 mechanism [2] 32/11 32/14 intervener [3] 13/18 13/21 18/22 later [1] 24/2 mediating [1] 20/16 interview [1] 49/12 LCI-TOD [1] 53/17 mediation [3] 20/11 20/13 20/18 into [4] 9/3 9/4 37/1 42/6 leads [1] 6/19 meet [2] 24/2 24/8 learned [5] 22/3 38/13 38/20 39/2 39/8 INVESTIGATION [1] 1/4 meeting [18] 16/2 20/21 24/4 24/11 involved [7] 14/5 20/8 41/15 41/16 41/18 least [6] 11/24 17/13 21/23 22/13 26/20 24/12 24/14 25/5 25/19 27/14 27/24 28/2 42/25 46/8 45/10 29/1 29/8 30/10 38/3 43/20 43/21 51/11 leave [1] 34/3 involvement [1] 8/24 meetings [2] 11/14 27/15 left [5] 4/24 28/14 34/8 39/16 39/18 irrelevant [1] 45/1 member [4] 4/7 11/23 55/13 55/22 is [43] 3/17 4/7 4/9 4/10 6/15 7/11 7/12 lengthy [1] 32/15 members [5] 4/5 14/2 14/14 16/25 55/19 12/1 13/3 13/10 15/9 16/11 20/6 20/16 less [1] 19/3

М	name [4] 3/11 25/8 25/11 52/25	34/11 35/16 41/6
memory [4] 35/1 37/14 37/24 43/14	name [2] 25/8 52/25 NAS [4] 9/4 29/14 32/3 51/3	offices [1] 3/3 Oh [3] 22/22 50/16 54/7
merits [2] 51/5 54/10	National [2] 2/5 3/4	okay [108]
met [4] 15/24 16/6 24/10 29/12	need [1] 41/8	on [141]
mid [2] 53/5 55/20	needed [3] 21/18 25/21 40/23	on [6] 18/12 24/14 25/23 26/18 34/21
Mike [3] 24/15 25/3 50/3	negotiate [1] 42/13	53/5
million [6] 26/11 28/20 35/8 35/12 35/23	negotiating [5] 26/23 26/24 31/9 35/5	one [31] 7/6 14/4 14/6 14/13 14/14 15/9
44/13	46/20	16/16 17/13 18/16 23/14 23/25 26/19 27/1
mind [4] 31/13 31/14 38/19 39/1	negotiation [5] 30/2 30/3 31/19 52/5	27/3 27/4 27/5 29/16 29/16 32/2 33/9
minutes [1] 15/13 Mm-hmm [5] 9/20 18/9 31/22 36/7 37/12	53/6 negotiations [10] 30/22 32/5 33/11 34/1	33/17 37/1 45/22 46/8 47/13 47/14 49/8 50/21 51/3 53/8 54/16
modifying [2] 26/6 55/8	34/5 34/14 36/23 41/7 45/20 46/22	ones [5] 16/21 17/9 17/16 17/17 52/10
Monday [10] 26/20 29/11 29/12 30/5	negotiators [1] 16/16	only [10] 12/6 14/20 15/25 16/7 16/8
30/20 33/12 35/5 35/17 48/17 48/18	never [2] 12/25 47/17	23/22 24/15 25/6 28/3 47/22
month [1] 14/21	new [1] 15/23	only [1] 14/20
more [8] 15/13 20/8 31/7 31/7 42/5 46/7	next [10] 17/24 17/25 29/5 29/12 29/19	opportunity [1] 11/9
46/8 50/21	30/10 31/16 32/2 47/4 50/11	opposed [1] 27/17
morning [11] 23/14 33/3 34/18 36/20	night [1] 47/3	opposition [3] 27/16 35/13 36/2
36/25 40/25 41/17 42/2 42/3 48/9 48/10 Morton [1] 11/7	nights [1] 47/10 nights [1] 47/10	or [42] 4/6 6/16 6/22 7/9 9/11 11/18 12/8 13/17 18/15 20/24 23/25 24/13 26/25
most [3] 18/24 19/2 19/2	nine [2] 4/2 4/24	27/16 29/12 30/11 30/17 31/18 32/2 32/2
mostly [1] 52/6	no [40] 1/5 1/10 10/10 10/16 10/21 10/24	33/12 34/5 36/20 36/25 37/10 37/24 38/1
move [2] 33/1 34/20	11/4 11/6 11/12 11/21 12/14 15/13 16/4	40/7 41/5 41/9 43/4 45/11 45/23 48/17
movement [1] 26/24	20/23 20/24 20/25 21/2 25/7 28/24 30/3	49/7 49/14 51/9 51/12 54/11 54/19 56/10
moving [1] 34/19	30/3 35/13 36/2 37/3 38/13 39/15 40/3	57/10
MR [1] 3/10	41/3 43/6 45/3 45/14 47/20 49/8 50/1	organization [1] 7/1
Mr. [46] 10/11 10/13 10/17 10/19 10/25 12/10 17/5 17/6 17/7 17/8 17/11 18/2 22/4	50/14 55/4 55/23 56/3 56/12 57/11	other [41] 4/4 4/6 5/20 13/14 13/16 13/20 15/15 16/2 16/3 16/25 17/9 17/15
25/13 26/15 27/13 28/5 31/22 31/25 32/24		17/17 23/23 24/6 24/9 26/6 26/8 27/1 27/4
	North [6] 8/14 8/17 9/9 9/15 29/14 47/14	28/8 29/7 29/9 29/16 29/19 31/12 32/2
42/24 43/8 43/9 43/20 43/20 44/21 47/10	not [49] 5/20 6/15 6/16 8/21 9/8 9/11	32/16 32/20 34/17 35/17 42/25 43/1 43/25
48/14 49/1 52/9 52/9 52/9 52/11 52/16	9/11 9/12 9/13 12/20 15/25 20/12 21/13	44/25 49/21 51/4 51/14 52/10 53/6 55/12
52/22 52/22 52/22 52/23 55/25	21/23 26/6 26/19 27/21 29/9 34/15 37/17	other [1] 24/6
Mr. Boehm [3] 17/5 17/6 39/11	37/24 38/15 38/21 39/3 39/9 39/25 40/24	others [1] 29/16
Mr. Brown [1] 32/24	41/13 41/15 42/22 42/25 43/19 45/2 45/3	our [5] 6/24 27/1 40/20 43/15 56/5
Mr. David [1] 18/2 Mr. Dorman [1] 55/25	45/11 46/21 47/2 47/3 50/4 50/5 51/5 51/9 51/21 52/4 54/10 54/17 55/3 55/4 57/10	46/10 46/23 52/11 52/25 55/9
Mr. Faud [1] 10/25	Notary [3] 57/4 57/12 57/18	outcome [1] 57/11
Mr. Howard [8] 17/11 25/13 26/15 27/13		outstanding [2] 20/20 47/22
37/2 37/14 37/15 39/23	nothing [1] 9/14	over [5] 3/24 4/2 4/11 24/8 24/10
Mr. Howard [1] 37/5	notice [13] 6/7 9/19 10/8 10/22 11/3	overall [1] 7/7
Mr. Huelsman [1] 12/10	11/10 11/20 11/25 12/11 13/2 13/4 15/16	overview [1] 50/6
Mr. Isaac [2] 10/11 10/13		own [1] 41/4
Mr. Jeff [2] 10/17 10/19 Mr. Kurtz [2] 17/7 17/8	November [12] 6/7 6/9 9/22 10/8 10/14 10/22 11/11 11/20 11/25 12/5 56/8 57/12	P
Mr. McCall [4] 42/24 43/8 43/20 44/21		package [1] 8/9
Mr. Raff [5] 28/5 48/14 49/1 52/9 52/22		pages [1] 57/8
Mr. Riggs [3] 42/24 43/9 43/20		part [4] 7/23 21/11 21/17 24/9
Mr. Sales [2] 31/22 31/25	NOX [2] 27/4 27/7	part [1] 24/9
Mr. Scott [2] 52/9 52/22	number [6] 5/11 7/6 18/15 26/19 26/22	participants [1] 23/23
Mr. Seelye [1] 22/4	35/7	participate [3] 8/19 20/4 23/10
Mr. Sharifi [3] 52/11 52/16 52/23	number [1] 18/15 numerous [2] 7/22 13/11	participated [6] 15/7 20/6 23/20 24/21 24/24 39/14
Mr. Shaw [2] 52/9 52/22 Mr. Watt [1] 47/10		participating [1] 52/5
Ms. [8] 16/5 17/10 19/4 25/6 36/21 37/15	0	participation [5] 5/14 16/15 28/1 28/8
39/8 56/1	O'Brien [1] 31/15	52/2
Ms. Beth [1] 56/1	O'Donnell [1] 56/1	particular [1] 19/18
	Oaks [1] 23/9	parties [24] 13/14 17/18 18/22 29/7 29/9
37/15 39/8	obviously [1] 29/10	29/19 31/3 31/7 32/20 34/17 35/10 35/17
Ms. Ellen [1] 16/5	occasion [1] 11/2	36/11 42/14 43/2 46/2 46/4 46/8 46/10
much [6] 17/18 19/3 22/8 24/5 51/14 56/14	occasions [1] 5/11 occupation [1] 3/18	47/7 50/22 54/3 55/6 57/10 parties [1] 31/7
my [21] 3/14 3/22 4/6 4/10 7/1 8/24		partner [1] 4/6
21/25 34/11 39/6 41/4 41/6 42/18 44/24		party [4] 17/15 24/9 31/2 44/25
45/7 45/8 47/16 55/24 57/7 57/9 57/12		passed [1] 39/2
57/13	of [1] 18/13	patched [1] 54/19
myself [1] 3/15		patching [1] 23/24
myself [1] 3/15		pay [1] 22/9
N		people [5] 7/1 24/23 31/17 37/19 46/19 perception [1] 51/24
N-O-X [1] 27/7	Ottice [6] 54/12 53/2 53/17 50/12 33/10	berechnou [1] 21/21

reported [1] 43/7 PSC [6] 14/13 38/23 39/5 51/16 51/24 P Reporting [1] 1/21 53/6 representative [1] 40/3 performed [1] 8/5 PUBLIC [18] 1/1 2/2 5/10 5/13 9/23 representatives [6] 16/22 17/4 17/21 period [6] 5/2 8/12 9/18 14/1 39/18 40/9 11/23 12/2 13/1 14/2 19/16 37/18 48/3 53/4 55/18 55/21 57/4 57/12 57/18 24/3 29/14 41/20 person [3] 24/3 51/8 51/16 representing [1] 13/6 personal [1] 56/5 purpose [1] 50/17 personally [2] 38/4 56/10 persons [2] 4/5 41/16 request [5] 14/8 14/10 14/16 14/24 15/5 purposes [1] 7/13 requests [6] 13/11 13/11 13/15 14/6 put [2] 19/5 35/25 petition [1] 6/10 14/22 15/1 requirement [13] 3/21 6/19 7/9 22/7 phone [8] 28/3 28/6 28/9 33/25 36/24 question [9] 12/15 12/23 14/5 15/4 22/24 26/7 28/17 32/19 36/17 41/12 42/5 37/20 54/12 54/20 31/20 53/15 53/16 55/17 55/24 45/24 54/10 physically [2] 19/15 39/5 requirements [3] 22/17 35/6 47/18 questions [5] 49/23 50/4 50/6 50/9 physics [1] 4/13 resolution [1] 20/23 place [6] 30/9 33/7 35/7 43/24 44/20 51/15 resolve [3] 18/15 18/19 50/21 quickly [1] 33/1 resolved [1] 47/15 player [1] 29/18 resource [1] 52/6 please [1] 3/11 point [32] 6/14 9/17 12/3 15/23 18/23 radio [3] 48/16 49/12 49/14 respond [2] 13/10 14/10 Raff [10] 10/5 10/7 15/11 16/23 28/5 responded [1] 19/7 19/6 20/16 21/10 21/12 21/18 23/5 26/5 response [4] 9/6 13/21 19/5 34/6 26/25 27/11 27/21 31/4 31/8 31/13 32/18 48/14 49/1 52/9 52/22 54/15 raised [2] 32/25 35/13 responses [1] 13/14 33/9 33/16 33/17 34/9 34/21 35/6 36/14 raising [2] 49/13 49/16 rest [1] 40/6 40/16 40/21 41/13 41/19 45/22 52/12 rate [42] 3/20 5/5 5/13 5/23 6/1 6/4 6/13 result [1] 55/6 points [2] 24/7 28/13 6/16 6/17 6/20 7/4 7/13 7/15 9/2 9/3 9/4 resulted [1] 14/12 portion [1] 8/12 10/8 10/14 10/20 11/3 11/10 11/18 11/19 retained [6] 5/23 5/25 6/22 6/22 7/4 7/6 position [4] 21/8 21/12 21/16 27/11 possible [5] 13/24 37/14 40/8 40/11 11/24 12/12 13/2 13/8 22/8 22/12 22/14 retaining [1] 27/21 28/22 29/8 29/21 36/13 36/16 41/10 42/5 revenue [16] 3/21 6/19 7/9 22/7 22/17 42/22 22/23 26/7 28/16 32/19 35/6 36/16 41/11 42/7 42/9 46/6 46/9 53/17 possibly [1] 13/25 **RATES [2]** 1/5 1/10 42/5 45/24 47/18 54/10 practice [2] 7/24 14/7 reviewed [1] 13/18 **RE[1]** 1/4 predicate [1] 49/15 reviewing [1] 32/17 prehearing [4] 30/13 30/16 30/20 35/4 reached [6] 21/6 32/11 35/11 35/24 preliminary [3] 6/4 6/13 6/18 38/22 47/12 Richard [6] 10/5 10/7 15/11 16/23 16/23 really [4] 11/15 22/6 33/7 43/16 preparation [1] 7/9 54/15 reason [1] 37/9 Richard -- [1] 16/23 prepare [4] 7/8 13/22 40/24 41/4 Riggs [6] 23/22 24/13 24/25 42/24 43/9 rebut [1] 9/5 prepare -- [1] 7/8 rebuttal [4] 9/6 13/17 13/19 13/20 43/20 prepared [3] 9/6 47/9 47/10 rebuttal -- [1] 13/17 right [75] preparing [4] 7/7 13/14 33/14 34/12 present [13] 15/23 17/2 18/3 20/1 28/25 recall [54] 6/22 8/8 15/6 16/18 16/20 Robert [1] 51/7 16/25 17/2 17/14 17/14 17/20 17/23 18/13 role [5] 20/10 20/12 20/18 51/24 51/25 30/25 31/3 36/8 36/9 42/23 43/20 50/15 20/2 23/12 25/5 28/7 29/3 29/4 30/9 30/25 rolled [2] 9/3 9/3 51/16 room [16] 19/18 19/21 19/22 30/11 32/1 32/4 32/16 33/9 33/19 34/7 34/23 present -- [1] 31/3 presume [2] 29/23 35/10 35/5 35/21 36/3 36/10 38/3 40/18 41/23 30/25 31/18 31/19 31/19 37/7 37/15 38/11 41/25 42/2 42/15 42/16 43/19 43/22 44/3 39/25 43/1 48/12 49/6 49/7 pretty [1] 28/10 44/6 44/14 46/18 47/5 48/14 48/21 48/22 room -- [1] 31/19 previous [1] 47/9 49/19 50/12 50/18 52/25 54/1 55/5 round [1] 31/10 previously [1] 52/1 primarily [5] 17/16 18/14 18/18 18/23 recall -- [2] 16/20 42/15 routine [1] 14/23 received [4] 33/17 33/21 36/24 41/7 **RPR [1]** 1/21 recollect [1] 26/10 ruling [5] 54/6 54/8 55/14 55/20 56/8 primarily -- [1] 51/13 recollection [11] 17/19 30/5 30/15 35/15 run [1] 33/8 primary [1] 3/22 35/23 36/19 37/4 39/6 39/9 42/18 52/18 Prime [4] 4/1 6/21 6/24 6/25 record [2] 50/8 57/9 principal [4] 27/15 29/16 31/8 42/9 said [11] 27/2 27/10 32/19 33/25 34/1 prior [19] 4/15 5/4 5/13 6/5 10/8 10/14 reduced [1] 57/7 34/3 49/8 49/8 54/8 57/7 57/8 reference [2] 14/19 49/11 10/20 11/3 11/10 11/19 11/24 12/11 12/21 reflect [2] 29/1 37/13 said -- [1] 49/8 13/2 15/25 27/17 54/6 55/24 57/6 reflection [1] 38/12 Sales [2] 31/22 31/25 probably [14] 4/11 19/2 19/6 21/10 refresh [2] 17/20 35/1 same [13] 8/1 12/15 12/18 12/22 31/9 27/25 29/25 30/19 31/6 33/16 41/5 41/8 37/11 41/16 50/22 51/18 51/19 52/3 52/8 regard [6] 7/4 12/16 12/23 13/7 47/18 44/24 51/12 54/2 55/17 procedural [2] 30/22 32/8 55/18 regulated [1] 4/15 sat [2] 25/9 31/10 procedurally [1] 32/12 rejected [2] 27/1 27/5 related [3] 27/3 27/4 57/10 say [13] 11/15 12/25 15/13 15/22 17/18 proceed [3] 29/8 29/21 34/5 20/12 20/15 20/22 21/17 38/24 45/11 proceeded [3] 20/9 41/9 42/6 remainder [1] 39/12 49/10 51/14 proceeding [1] 49/3 saying [5] 18/1 25/10 33/10 33/18 41/7 remember [32] 12/24 14/20 14/21 16/21 proceedings [1] 20/7 17/17 17/25 18/6 18/8 18/17 18/20 19/9 scene [1] 39/24 process [2] 8/22 56/7 scheduled [3] 30/19 33/5 54/19 19/18 24/5 25/8 25/9 25/11 25/24 28/12 process -- [1] 56/7 32/7 32/24 33/3 33/12 39/24 40/6 45/17 Scott [7] 10/11 10/13 15/11 16/23 51/21 proposal [3] 21/16 25/17 27/1 52/9 52/22 46/25 47/2 47/12 49/4 51/9 51/20 52/21 proposals [1] 27/1 second [9] 18/20 19/2 19/6 19/21 20/21 remembered [1] 37/20 provide [1] 3/23 rendering [1] 53/4 24/4 24/8 24/12 49/22 providing [1] 27/22 see [8] 6/18 17/20 22/1 22/2 24/7 35/1 provisional [1] 21/11 renditions [1] 37/10 report [3] 44/3 44/6 48/14 37/23 56/9 provisionally [1] 21/17 report -- [1] 44/3

tariff [6] 53/13 53/22 53/23 54/3 54/23 49/2 52/10 52/12 54/22 55/8 something [3] 38/2 44/13 51/13 SEELYE [5] 1/17 3/3 3/12 6/22 22/4 sometime [3] 36/20 42/16 44/18 team [4] 31/4 31/6 31/9 31/12 technical [8] 11/15 50/5 50/9 50/24 51/8 Somewhat [2] 9/24 10/1 seemed [1] 27/18 51/14 53/16 54/9 sorry [3] 27/6 38/25 45/9 seems [1] 40/13 South [2] 2/6 3/4 telephone [5] 23/14 23/18 23/19 23/21 sending [1] 55/8 speak [1] 17/25 sense [4] 21/14 21/22 21/25 23/2 24/6 television [1] 42/20 **SPECIAL** [1] 2/2 sent [3] 54/3 55/5 55/10 separate [1] 9/1 specifically [3] 3/20 7/3 17/24 tell [15] 4/8 5/4 5/22 13/7 16/18 18/10 23/12 26/14 30/24 32/4 34/4 40/17 48/22 separation [1] 38/20 speech [1] 36/21 51/23 53/9 sequence [1] 32/7 speed [2] 29/11 29/20 spoke [1] 37/15 tentative [1] 35/24 series [1] 15/2 service [17] 1/1 2/2 3/21 5/10 5/13 7/13 term [2] 30/12 56/4 spreading [1] 7/13 terms [3] 1/6 1/10 22/2 9/23 11/23 12/3 13/1 14/3 19/16 37/18 Spurlin [1] 12/23 **SS [1]** 57/1 test [1] 17/19 48/3 53/4 55/18 55/21 staff [21] 9/22 11/23 14/3 14/4 14/11 testified [3] 12/7 12/10 49/22 services [1] 3/23 14/14 15/16 16/22 16/23 17/1 19/23 20/17 testify [1] 46/23 session [1] 20/24 sessions [3] 19/25 19/25 53/7 28/1 50/19 50/20 51/16 51/24 53/6 53/15 testifying [1] 7/17 testimony [15] 9/5 9/5 9/6 9/7 13/18 set [3] 14/22 50/23 57/6 55/14 55/25 13/19 13/20 32/13 45/12 45/15 46/12 sets [2] 13/12 13/13 staff -- [1] 16/22 Stainless [6] 8/14 8/17 9/9 9/15 29/15 46/16 46/20 57/6 57/7 setting [2] 30/2 46/19 than [10] 15/14 15/15 16/2 28/8 42/5 settlement [14] 13/24 27/17 30/10 34/17 47/14 43/1 49/21 51/14 53/6 55/12 40/23 49/23 50/2 50/7 50/10 53/11 53/12 **Stainless -- [1]** 9/15 Thank [1] 56/15 stand [3] 41/1 46/15 49/21 53/13 55/1 55/2 Thanks [1] 56/14 settlements [1] 34/19 start [1] 56/7 that [241] several [1] 32/25 **started** [1] 4/2 state [3] 3/11 57/1 57/4 that -- [5] 21/10 39/8 39/11 48/23 50/7 Sharifi [4] 10/25 52/11 52/16 52/23 that's [16] 3/22 6/2 6/17 18/7 19/9 23/1 stated [1] 57/5 sharing [2] 32/10 32/14 Shaw [7] 10/17 10/19 16/24 51/20 51/21 | statement [5] 1/15 3/2 22/9 56/17 57/5 24/22 26/1 36/5 40/11 42/20 45/6 45/9 46/24 48/18 56/13 stenographic [2] 57/7 57/9 52/9 52/22 the -- [23] 6/23 8/24 9/4 14/21 15/9 17/4 she [19] 16/7 31/15 31/16 33/16 33/21 step [1] 29/5 33/24 33/24 33/25 34/8 34/8 36/24 39/14 Steve [1] 6/22 18/17 18/21 23/13 25/5 25/24 27/10 27/14 31/18 34/10 34/12 37/6 47/21 49/3 50/6 39/16 39/17 39/17 39/22 40/7 40/8 40/13 **STEVEN [3]** 1/17 3/2 3/12 sheet [1] 55/8 still [6] 20/20 25/21 29/20 32/12 32/18 53/2 53/10 53/15 their [11] 9/6 13/20 14/6 14/8 14/14 sheets [2] 53/13 54/4 35/7 stood [3] 20/7 33/25 39/22 15/10 19/1 20/10 21/16 51/25 52/1 short [3] 14/12 40/9 43/21 them [17] 7/7 7/9 8/24 12/6 12/7 13/12 Street [4] 1/22 2/6 2/10 3/4 should [1] 22/9 studies [3] 3/22 3/22 3/23 14/3 17/2 17/23 18/1 22/3 23/14 24/1 27/3 showed [1] 42/21 side [6] 15/8 15/10 23/24 24/24 51/3 42/2 55/8 56/2 study [2] 7/11 7/12 then [15] 7/14 11/22 13/13 14/25 16/1 Sturgeon [2] 15/9 31/14 51/4 19/8 26/19 34/3 34/11 41/6 42/12 50/8 side -- [1] 23/24 subjective [1] 56/5 subjective -- [1] 56/5 52/19 53/11 54/18 sign [2] 48/1 48/3 signed [2] 46/2 46/4 submit [2] 14/24 53/12 there [94] there -- [1] 33/19 submitted [3] 9/4 48/3 54/23 significant [1] 8/12 there's [2] 4/6 14/25 silence [1] 34/2 subsequent [2] 13/9 50/20 thereafter [1] 57/7 silent [1] 28/10 substance [1] 24/5 therefore [2] 20/15 42/10 **SILETTO [1]** 2/4 such [2] 9/9 43/4 these [6] 5/1 5/14 20/7 27/20 27/22 simply [1] 41/23 Suite [2] 1/22 3/15 summary [1] 50/3 Simpson [2] 2/5 3/3 they [53] 14/15 14/24 17/8 17/15 17/18 since [2] 4/3 5/2 summer [3] 6/5 6/14 8/5 17/24 18/24 19/4 19/8 20/1 20/2 20/3 20/4 single [1] 20/2 Sunday [1] 30/4 20/6 20/7 20/8 20/15 20/17 21/8 21/9 21/9 sir [33] 3/13 3/17 3/25 4/4 4/14 7/3 8/4 supervision [1] 57/8 21/18 21/22 23/4 24/7 25/21 25/22 25/24 8/11 8/13 11/17 15/3 16/2 22/15 22/21 support [1] 31/17 26/23 26/25 27/2 27/2 27/2 27/5 29/10 sure [2] 5/19 29/20 26/12 27/23 28/14 29/23 30/12 30/24 35/14 35/22 36/10 44/15 47/16 48/25 29/20 31/18 32/22 34/11 34/19 34/21 sworn [4] 1/15 3/2 57/5 57/6 35/11 37/11 40/20 41/22 42/10 43/12 48/2 49/10 49/24 50/11 51/1 51/10 53/9 54/12 49/6 49/7 49/9 52/4 54/19 sit [1] 31/17 table [8] 19/5 25/17 26/23 27/17 31/10 They -- [1] 21/9 sleep [1] 47/2 slightly [1] 22/3 31/10 32/20 35/25 thing [2] 13/10 13/16 take [14] 7/20 8/5 11/22 20/20 21/5 33/7 things [2] 22/7 29/18 smiling [1] 22/2 35/5 35/23 36/15 39/7 42/4 48/8 52/4 think [21] 16/24 23/16 24/2 24/14 24/15 smoke [1] 38/1 so [34] 6/5 9/6 9/14 14/10 15/4 18/7 19/3 25/4 25/7 25/21 25/23 26/18 32/10 32/24 52/18 taken [7] 3/3 30/9 36/17 43/24 57/5 57/7 33/13 34/22 35/19 35/19 37/7 44/17 44/19 22/4 22/24 23/5 24/8 25/7 27/2 29/18 32/14 32/23 33/8 37/22 38/19 39/7 40/24 57/9 46/14 54/16 think -- [1] 44/19 41/5 41/8 41/9 42/11 43/3 43/15 46/7 46/8 taking [1] 38/1 talk [11] 10/7 10/13 10/19 11/2 11/9 thinning [1] 25/10 46/19 49/22 54/4 54/21 57/9 third [1] 14/22 this [16] 6/4 6/13 7/20 8/5 34/25 37/7 11/19 11/23 12/12 12/20 37/18 52/19 so [2] 37/22 54/4 talked [2] 11/17 13/1 So -- [1] 25/7 some [24] 6/3 10/2 18/19 19/5 21/1 21/6 talking [6] 17/17 18/24 19/2 26/1 36/13 37/10 44/22 45/4 49/3 53/22 54/16 54/21 21/6 22/2 30/22 32/12 32/17 32/18 33/16 54/21 56/6 57/13 36/16 those [14] 7/18 13/15 16/24 17/14 17/16 33/17 34/9 34/24 34/25 40/16 44/25 49/1 **[tall [1]** 25/10

view [1] 27/21 while [3] 41/6 43/24 56/4 who [18] 4/5 7/1 7/2 15/6 16/18 16/20 virtually [1] 18/15 those... [9] 18/5 22/19 29/18 30/8 33/8 22/8 23/20 24/21 24/22 30/24 31/3 31/4 vision [1] 23/8 31/21 31/24 50/22 51/6 51/8 33/17 37/1 46/10 49/13 vocal [1] 19/3 whole [2] 19/24 56/6 though [1] 34/16 voice [2] 27/15 35/13 thought [6] 33/1 33/15 37/20 38/8 50/20 Whose [1] 52/15 why [1] 26/14 56/10 three [5] 7/10 13/12 16/24 37/10 54/2 walk [1] 34/25 will [6] 6/7 16/16 19/8 27/16 31/19 54/25 through [9] 6/25 8/6 18/14 24/23 34/25 walked [1] 39/22 WILLIAM [3] 1/17 3/2 3/12 44/25 47/11 54/17 56/8 want [3] 34/4 42/10 48/8 Williams [1] 16/5 throughout [2] 20/17 56/6 wanted [1] 32/23 with -- [1] 21/19 wanting [1] 36/22 withdrawing [1] 32/9 Thursday [6] 22/20 45/23 45/25 46/14 withdrawn [1] 32/14 47/1 47/3 was [258] time [29] 4/23 5/2 9/2 9/9 9/17 9/19 12/3 was -- [14] 14/14 17/12 18/17 19/12 without [2] 34/5 42/11 14/1 14/18 15/23 18/16 22/19 24/8 25/18 27/18 28/5 30/18 31/9 38/24 40/20 41/3 witness [6] 2/8 41/1 41/2 42/10 49/25 29/12 35/6 37/7 38/20 38/22 39/2 39/4 43/10 51/2 52/12 57/6 39/18 40/9 41/4 46/23 49/22 53/1 54/19 was after [1] 54/3 witnesses [1] 13/20 wasn't [4] 31/16 34/10 34/21 41/3 woman [1] 52/24 57/5 wasn't -- [1] 34/10 times [1] 7/22 woman -- [1] 52/24 work [17] 4/12 4/15 4/18 4/21 5/23 5/25 to -- [3] 13/17 29/7 32/13 water [1] 3/24 Watt [2] 31/13 47/10 6/4 6/13 6/18 6/24 7/2 7/21 8/1 8/5 13/8 **Todd [1]** 2/9 together [1] 33/8 way [5] 12/18 37/11 37/18 47/24 52/1 34/16 40/23 we [57] 3/23 4/2 6/3 6/12 13/22 14/3 worked [8] 4/19 5/6 8/3 9/8 13/14 25/13 Tom [1] 11/13 took [3] 20/17 33/24 44/20 14/5 14/6 14/15 18/14 20/3 22/1 22/18 29/24 30/1 23/24 24/1 24/2 24/4 24/8 24/10 24/10 working [3] 8/8 15/10 32/3 Tower [2] 2/5 3/4 26/1 26/5 29/12 30/20 32/11 32/12 32/15 track [1] 9/1 works [1] 25/12 would [28] 6/23 7/17 8/9 9/8 9/11 9/21 transcript [1] 57/8 32/17 33/1 33/1 34/13 34/16 36/13 39/13 transpired [2] 18/10 39/11 40/2 40/19 40/21 40/22 41/9 42/6 42/13 15/1 15/4 15/10 17/9 20/11 20/12 21/17 44/9 45/19 45/23 46/5 46/8 47/6 47/7 24/8 30/5 30/8 32/13 35/3 35/4 37/16 45/7 treatment [1] 26/7 47/11 47/12 47/15 51/13 53/11 53/20 45/8 47/1 48/19 54/5 54/6 54/7 55/7 tried [1] 18/15 trouble [2] 23/24 27/3 53/25 55/7 56/5 wouldn't[1] 20/15 we -- [1] 53/25 true [1] 57/8 written [1] 47/9 we didn't [1] 51/13 try [5] 24/2 40/22 43/16 46/9 54/22 trying [3] 18/19 34/16 43/15 we'll [1] 5/5 yeah [3] 37/25 43/17 54/7 Tuesday [20] 29/12 33/5 33/13 33/13 We're [1] 34/5 Wednesday [22] 33/8 33/14 34/10 34/13 36/6 36/8 36/9 36/12 38/4 38/7 38/8 38/9 **year [1]** 6/5 34/18 34/22 38/8 38/15 40/17 40/18 41/17 years [3] 4/2 4/23 4/24 38/15 38/16 38/18 41/23 43/15 43/21 45/9 42/2 42/3 43/15 44/18 44/18 45/6 45/10 45/11 yes [80] 45/23 45/25 46/17 46/18 yet [1] 55/3 TV [1] 49/14 week [7] 17/23 17/24 17/25 17/25 29/6 you [185] two [31] 5/5 5/14 5/23 6/1 7/4 7/15 you -- [2] 12/16 51/23 10/14 11/18 11/19 12/12 13/2 13/8 13/13 50/11 51/25 you've [2] 5/1 19/24 14/25 15/23 17/13 18/12 19/25 22/7 23/7 week -- [1] 17/23 23/13 23/23 26/7 26/22 27/20 29/18 33/8 weeks [1] 54/2 young [1] 52/24 your [25] 3/11 3/13 3/17 4/8 5/4 5/13 33/17 37/1 37/10 47/10 well [14] 6/23 13/23 16/8 17/19 23/16 28/6 29/8 30/1 30/23 32/23 34/3 37/1 7/16 7/23 14/8 16/14 17/19 23/8 25/16 types [1] 20/7 typewritten [2] 57/8 57/8 31/20 35/1 37/13 37/24 38/12 38/19 39/1 44/19 50/22 typical [5] 6/15 6/17 14/7 20/6 20/17 went [6] 18/14 24/13 25/18 32/15 47/11 39/8 43/18 44/11 47/21 51/23 49/5 were [78] were -- [3] 25/24 33/1 40/19 ultimately [7] 8/9 8/21 9/2 19/7 20/16 26/25 48/2 weren't [4] 23/4 29/7 31/18 40/20 under [2] 57/7 57/13 West [2] 2/10 3/15 what [39] 3/17 4/8 6/5 7/4 7/11 13/7 undergraduate [1] 4/10 understand [5] 14/7 14/8 22/24 54/21 13/8 14/5 14/15 16/14 17/21 18/10 19/9 21/16 22/18 23/7 23/12 26/9 27/6 28/7 54/22 understanding [16] 7/16 14/15 23/7 29/4 30/19 32/4 32/17 34/6 36/11 39/11 25/15 29/2 35/7 35/11 35/24 37/17 38/21 40/17 42/12 44/11 44/11 44/13 45/17 47/4 43/18 44/11 47/8 47/17 47/22 52/13 48/22 50/17 51/23 51/23 53/13 understandings [1] 21/6 what -- [1] 32/17 until [9] 4/24 8/21 9/9 9/13 9/17 13/5 whatever [1] 30/11 33/8 34/22 55/14 whatsoever [1] 36/4 up [14] 3/14 8/25 13/23 13/25 29/7 29/11 when [20] 4/22 5/22 5/25 8/3 8/25 9/3 29/20 33/2 33/25 34/8 37/11 39/22 42/21 13/17 13/17 14/24 33/3 33/21 37/7 38/11 42/15 43/4 44/15 46/23 54/1 54/5 54/19 55/8 us [4] 5/2 24/8 34/4 47/11 where [11] 4/18 6/19 7/12 14/19 19/15 utilities [4] 1/11 3/24 5/21 7/15 19/20 30/8 32/17 38/4 39/23 44/9 whether [4] 6/16 18/5 37/24 53/20 utility [2] 3/19 4/15 which [21] 5/5 6/15 13/6 14/12 15/9 22/7 22/8 23/9 24/10 25/22 29/17 31/9 various [2] 7/14 37/19 34/21 35/3 38/6 42/9 44/18 46/2 46/7 very [8] 6/17 14/12 26/20 26/24 27/11 48/19 53/14 40/11 53/15 56/5